

# 好きなJavaの仕様を発表します

関ジャバ'24 7月度 #kanjava

2024-07-30

武田豊史

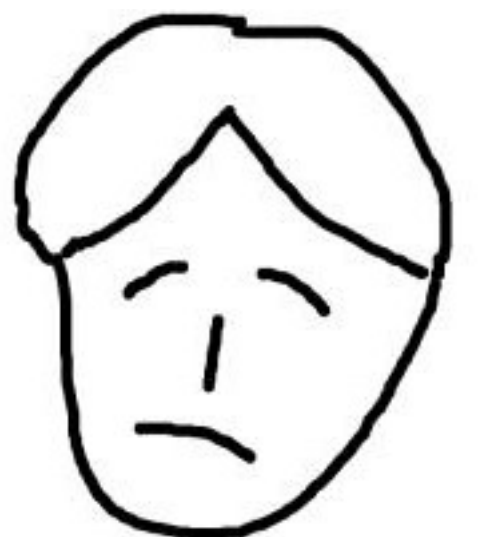
# 自己紹介

武田豊史 (@mdstoy)

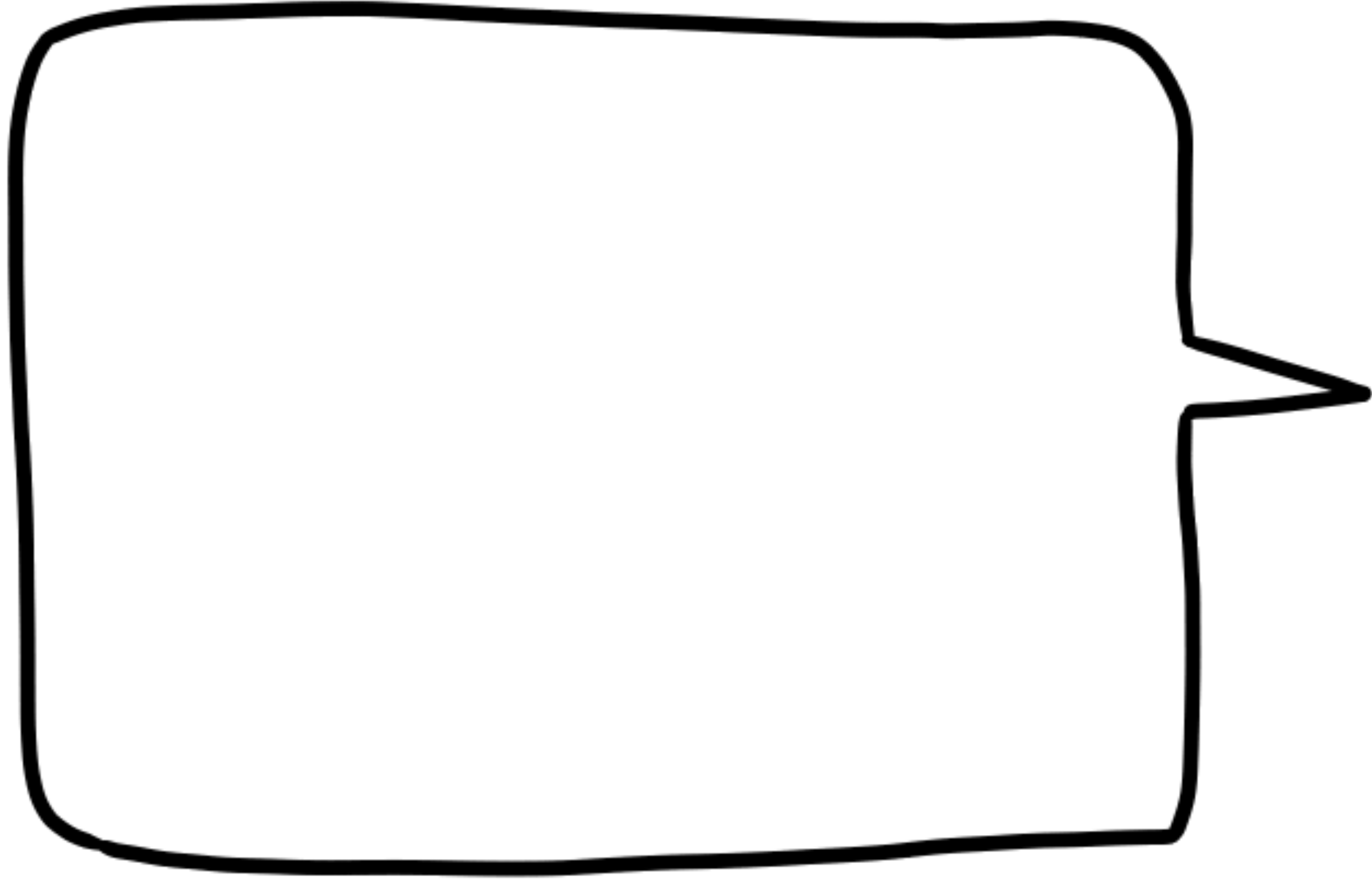
株式会社Rise Up

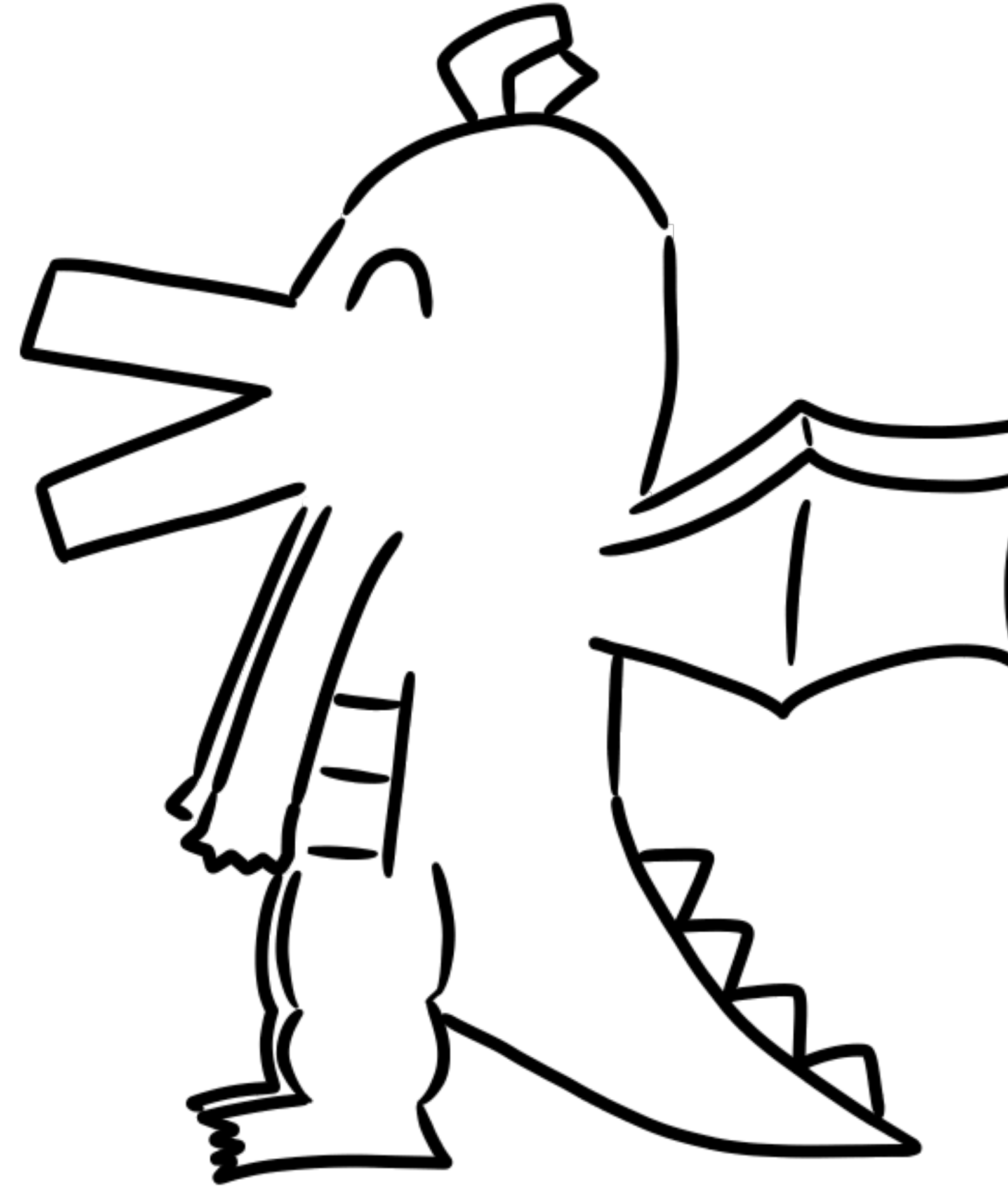
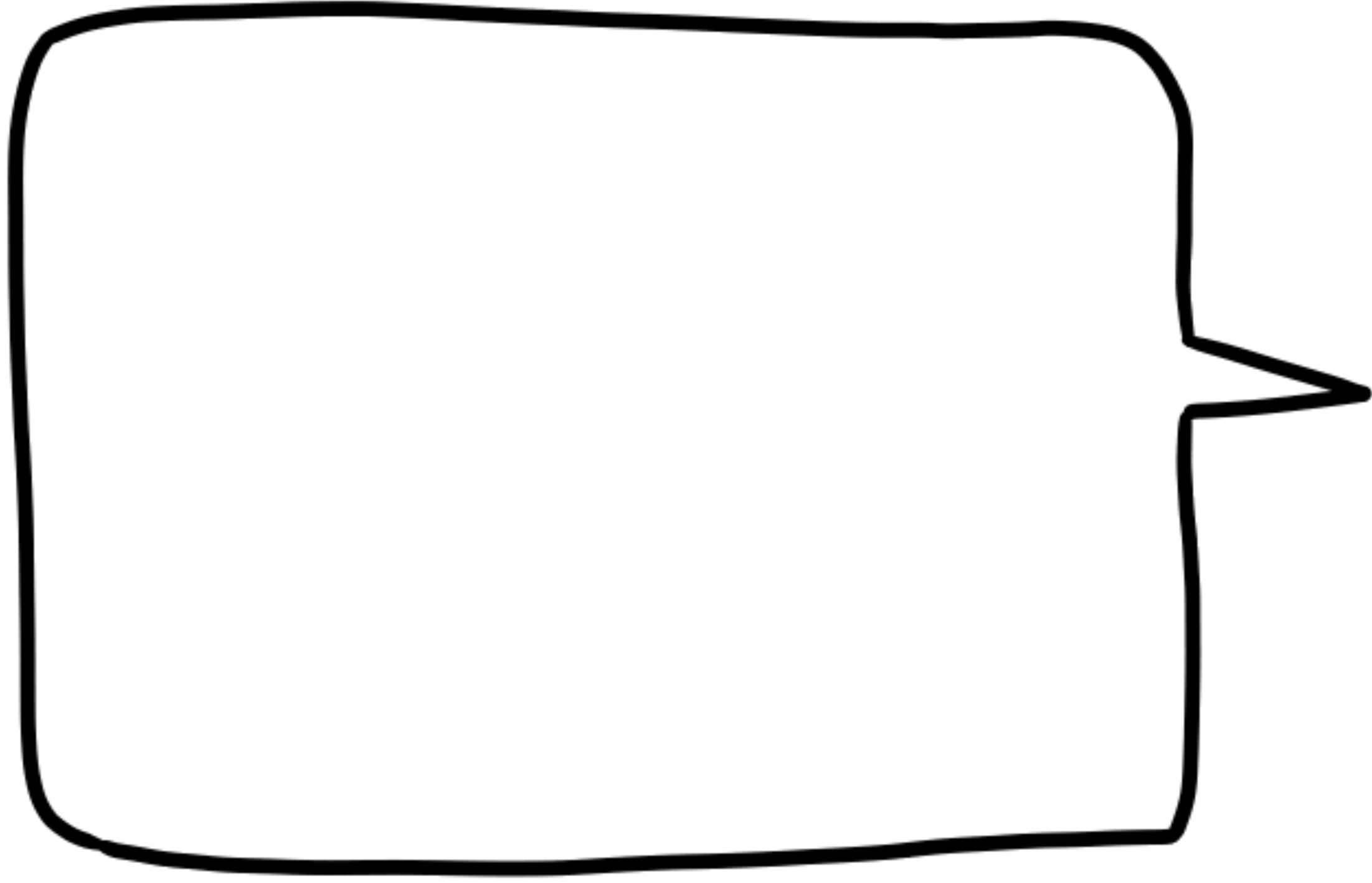
エンジニア

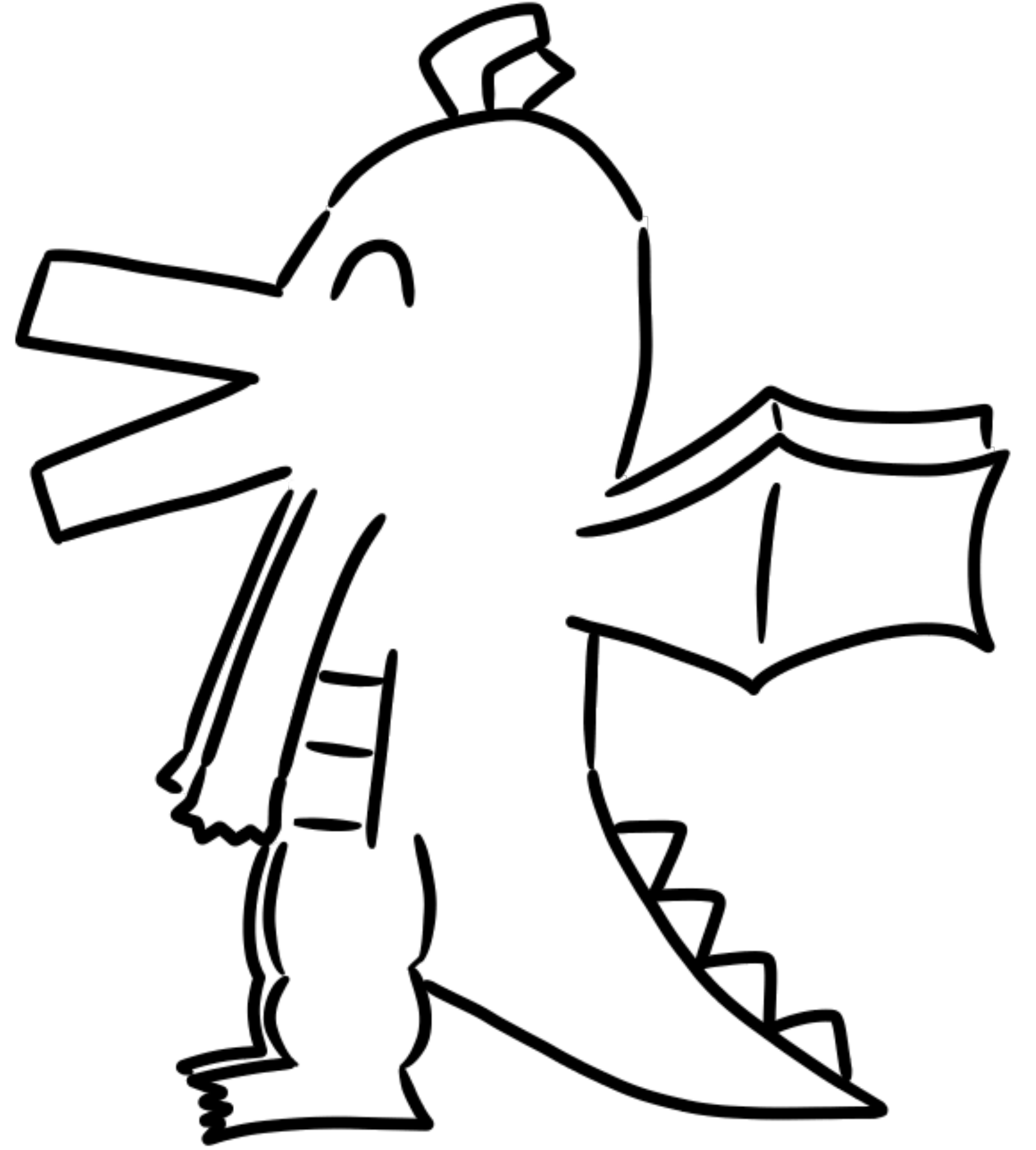
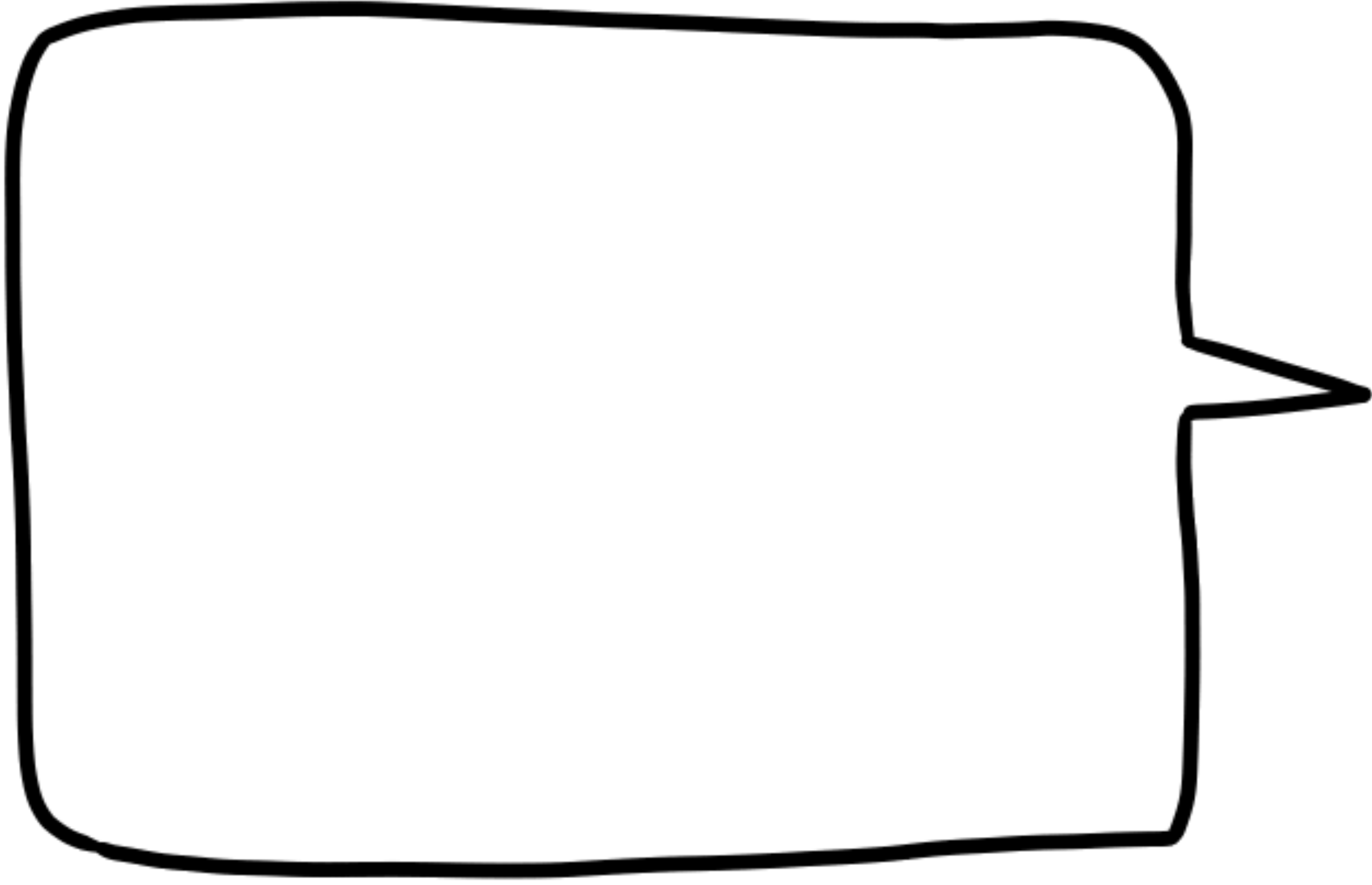
Javaが好き

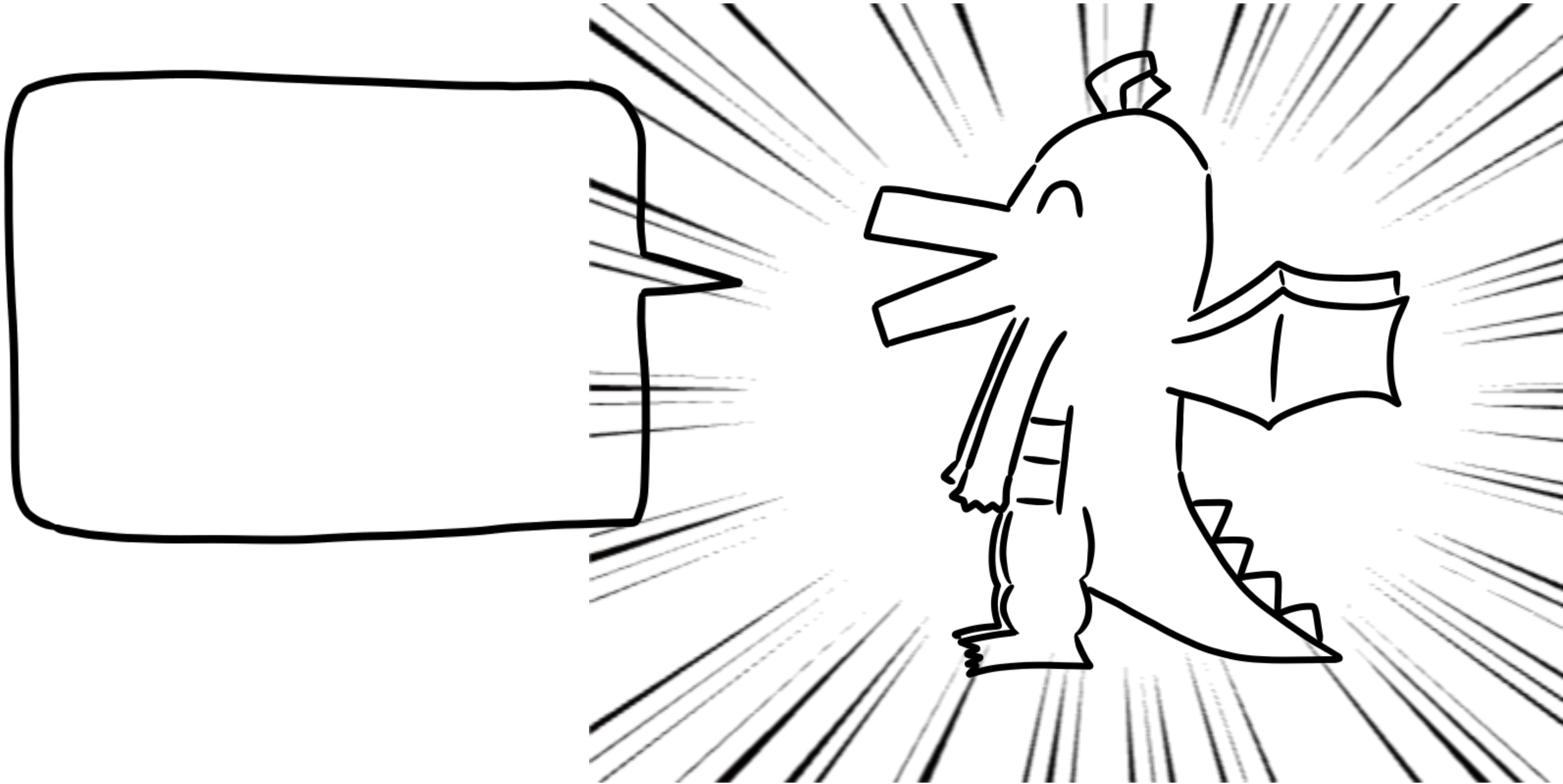


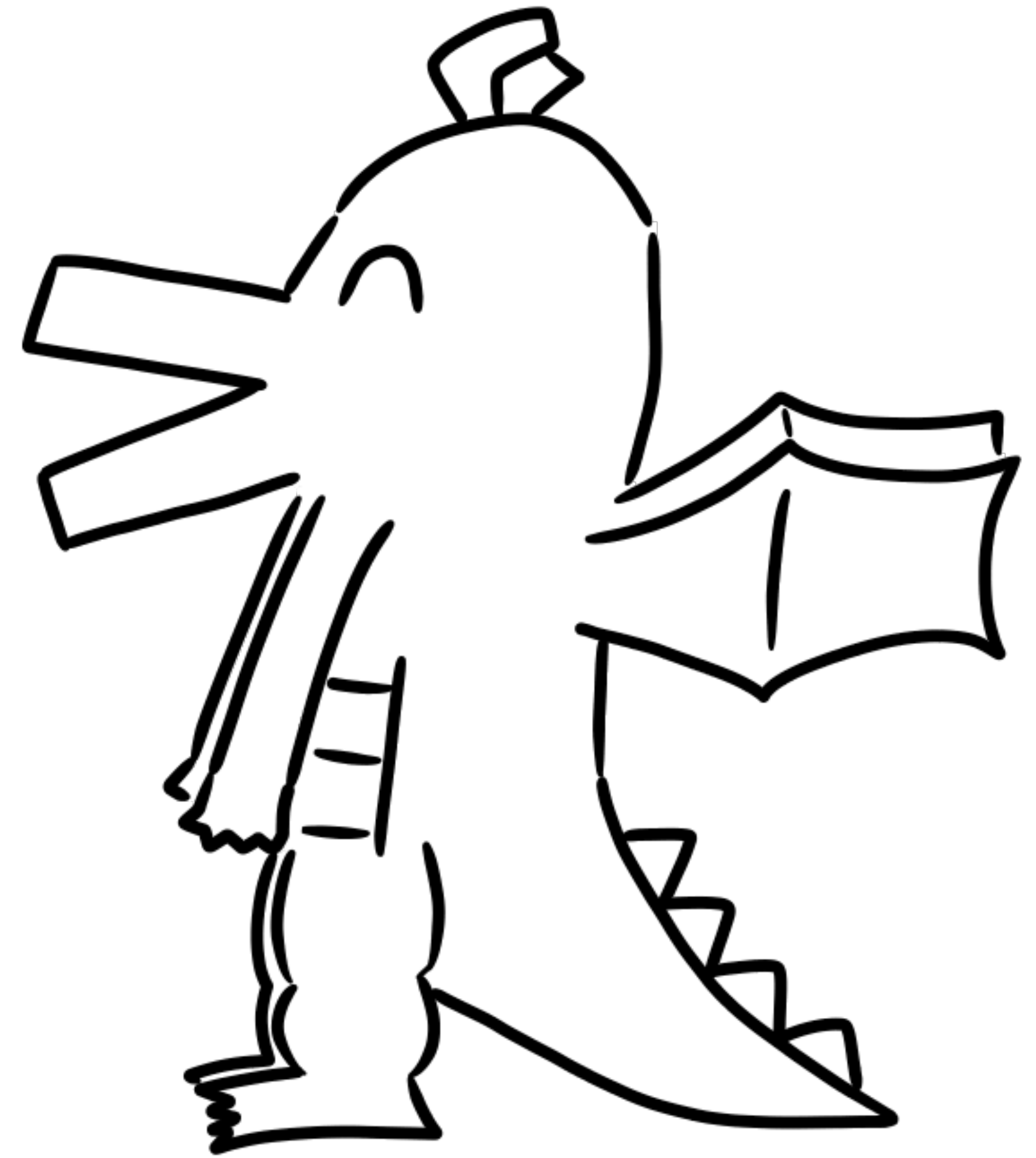
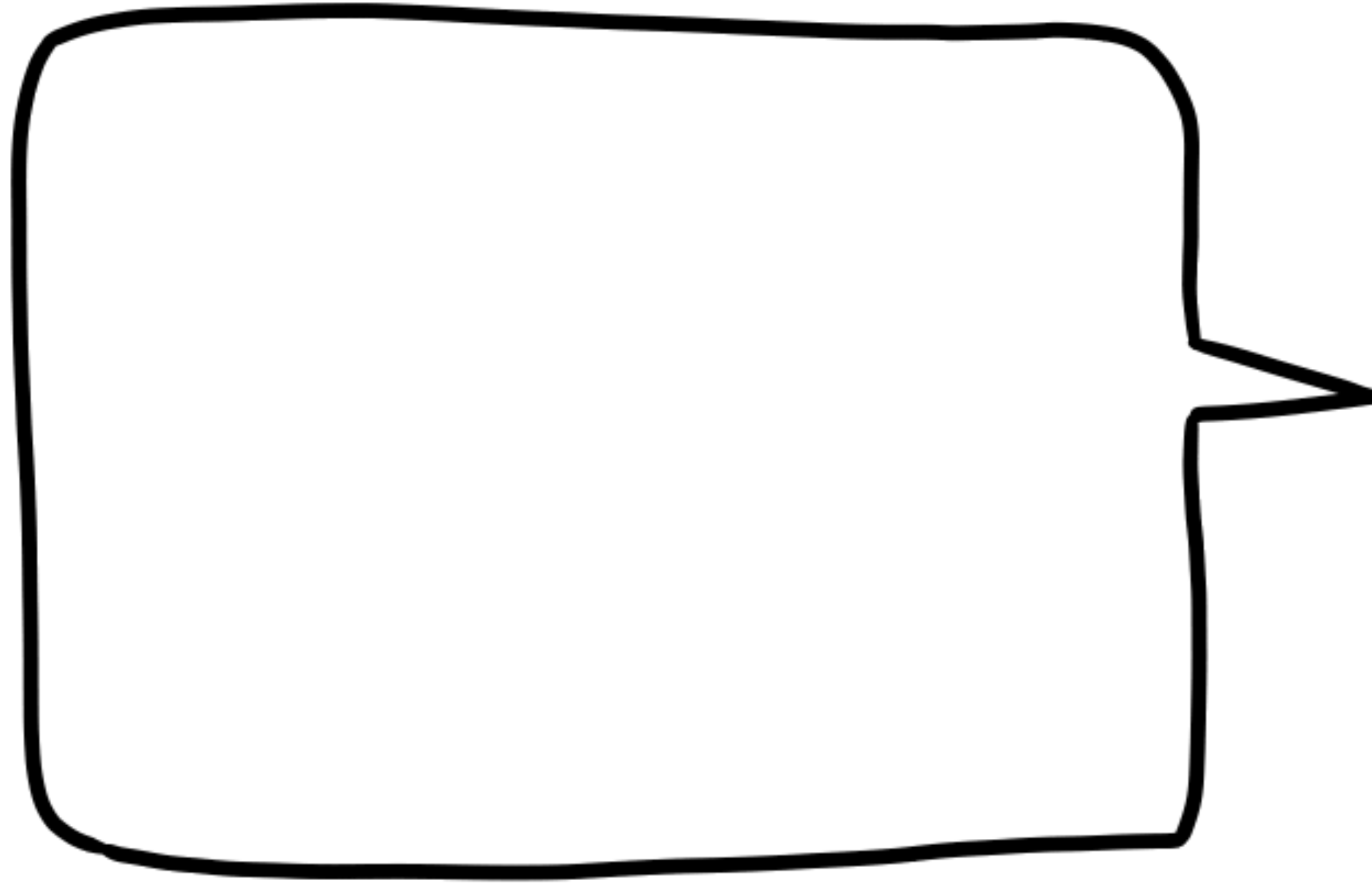
好きなものを発表するといえは？





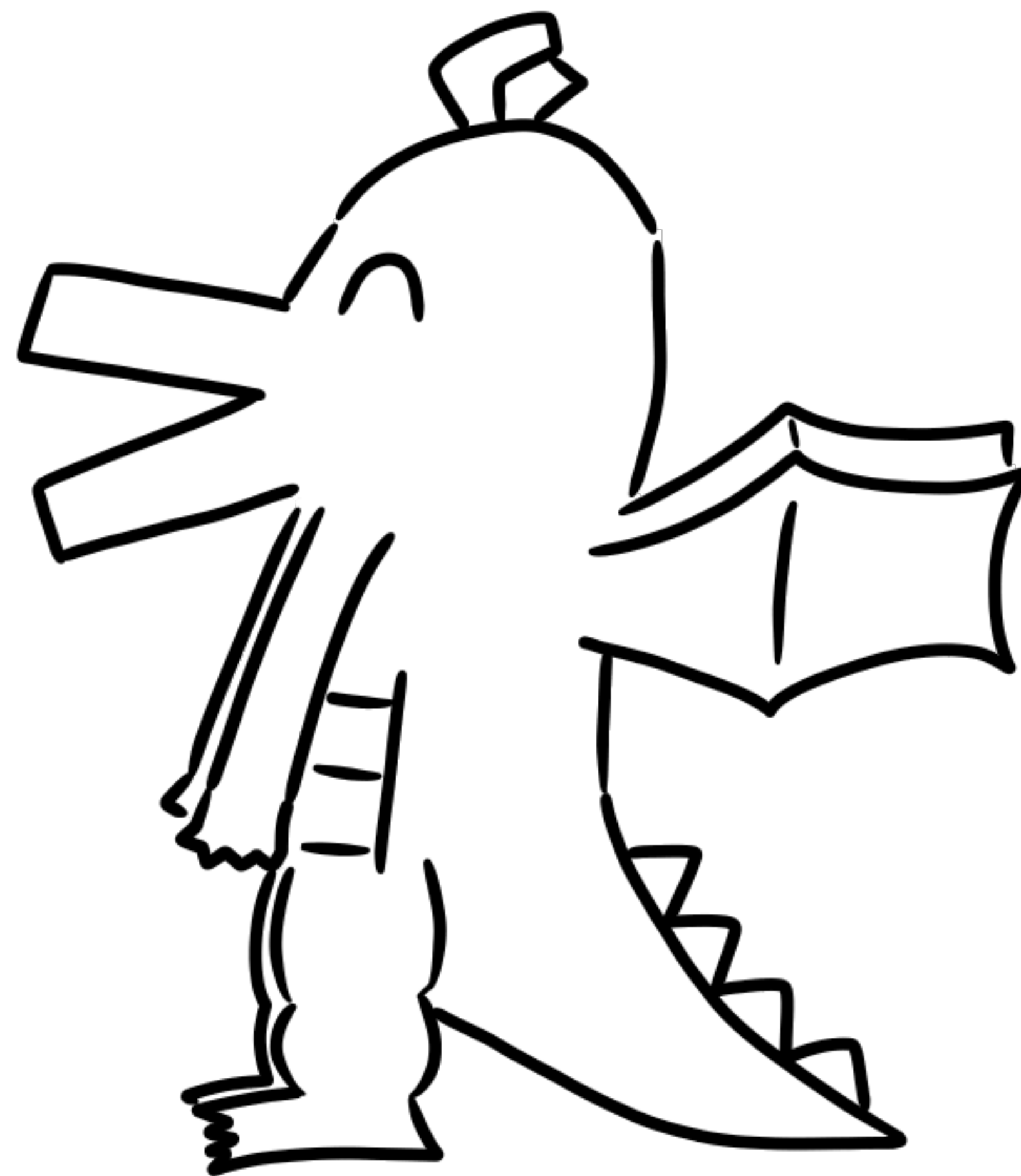
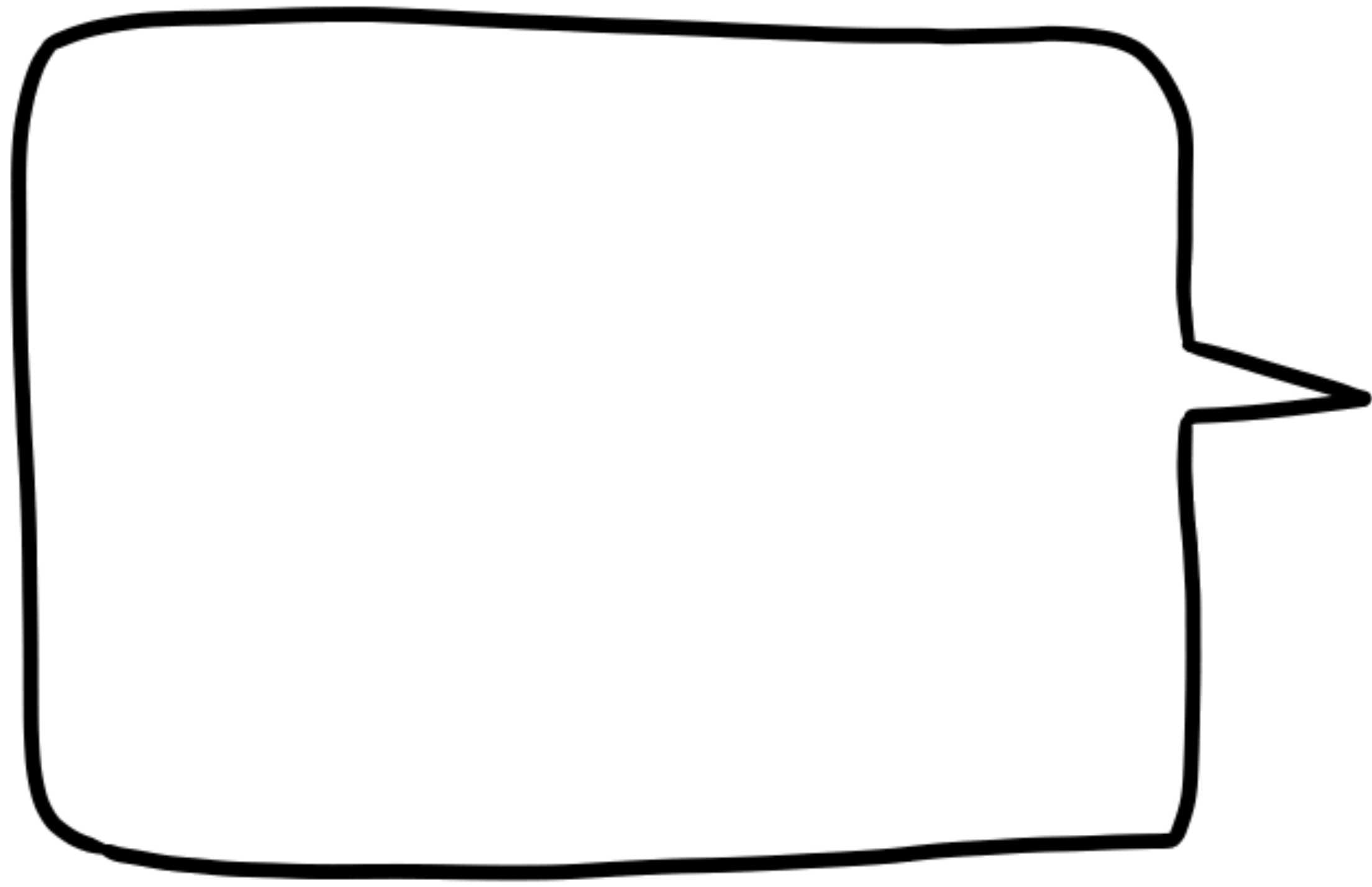






好きなJavaの仕様発表ドラゴンが

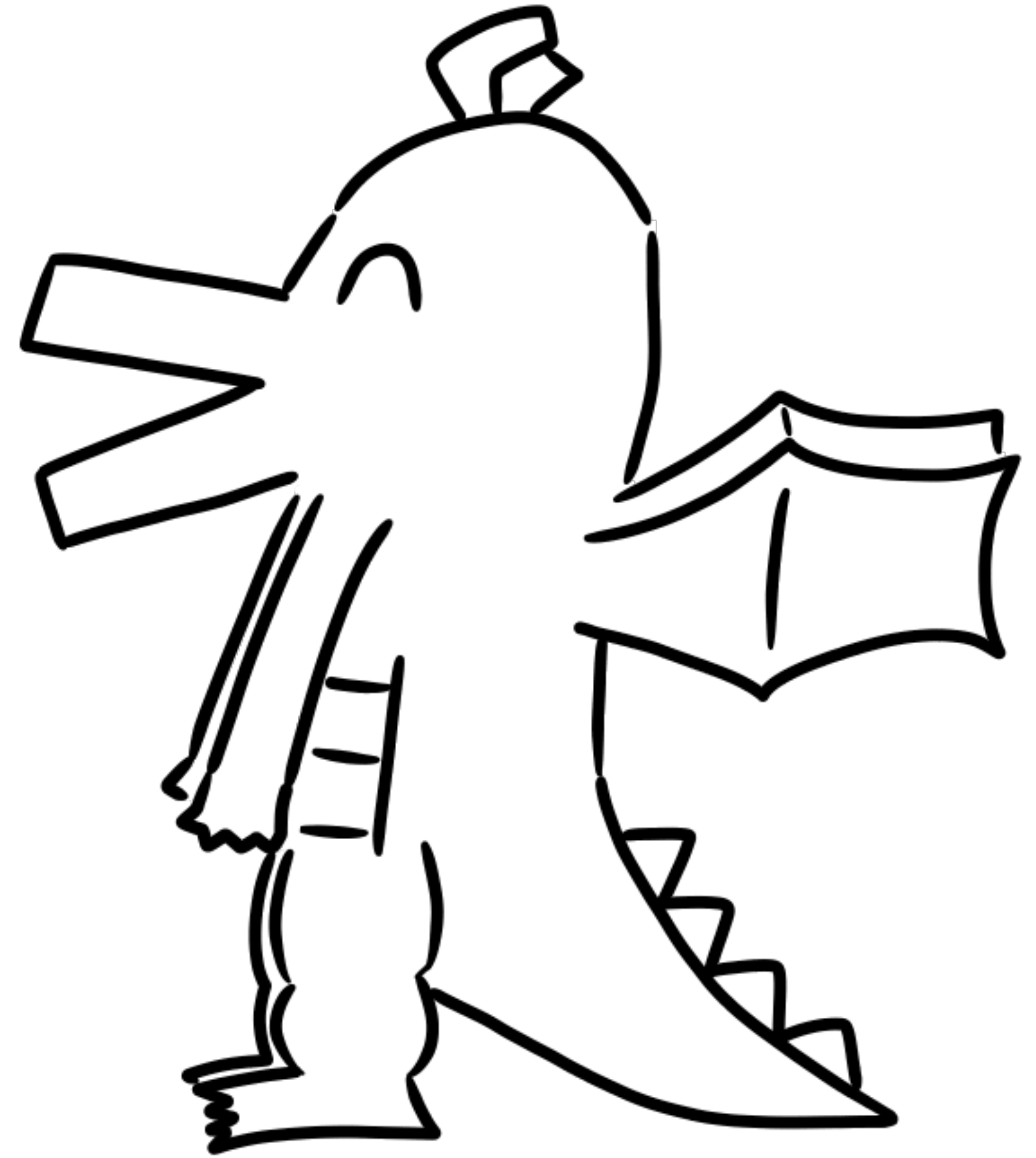




好きなJavaの仕様を発表します

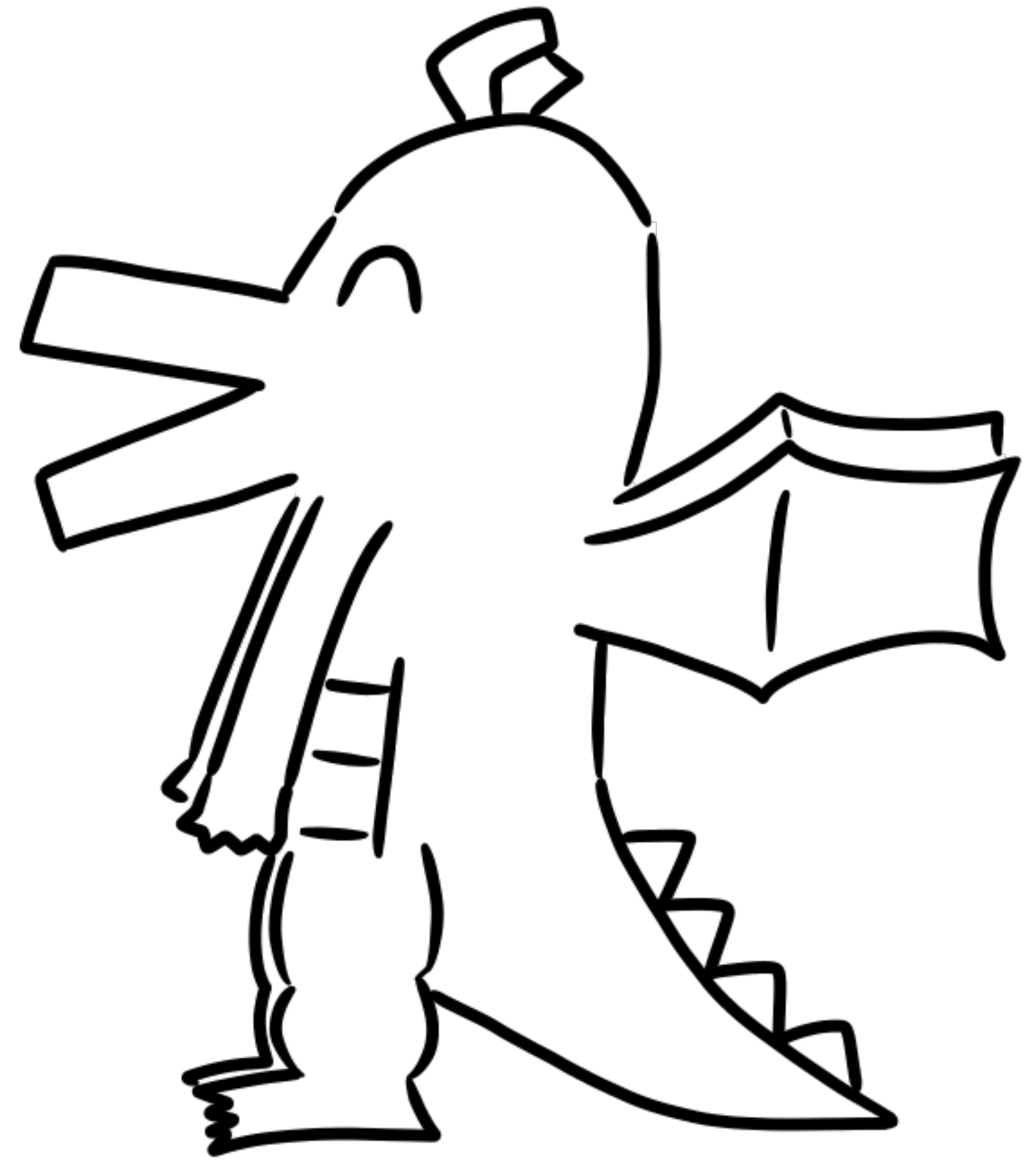
# Records

```
public record Point(int x, int y) {  
}
```



ラムダ式

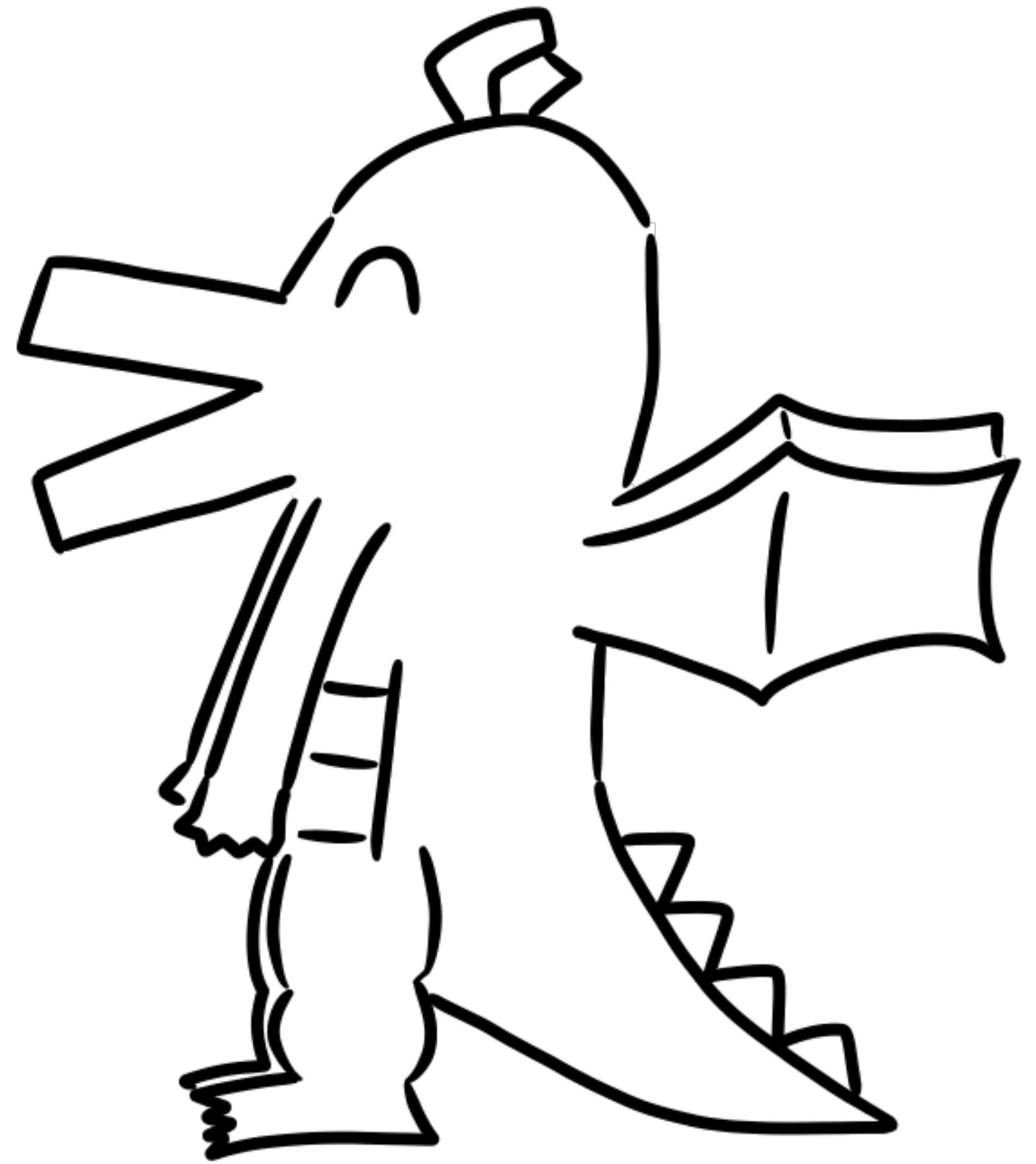
```
.map((String s) -> {  
    String t = s.toLowerCase();  
    return t + "!!";  
})
```



(サンプルが雑)

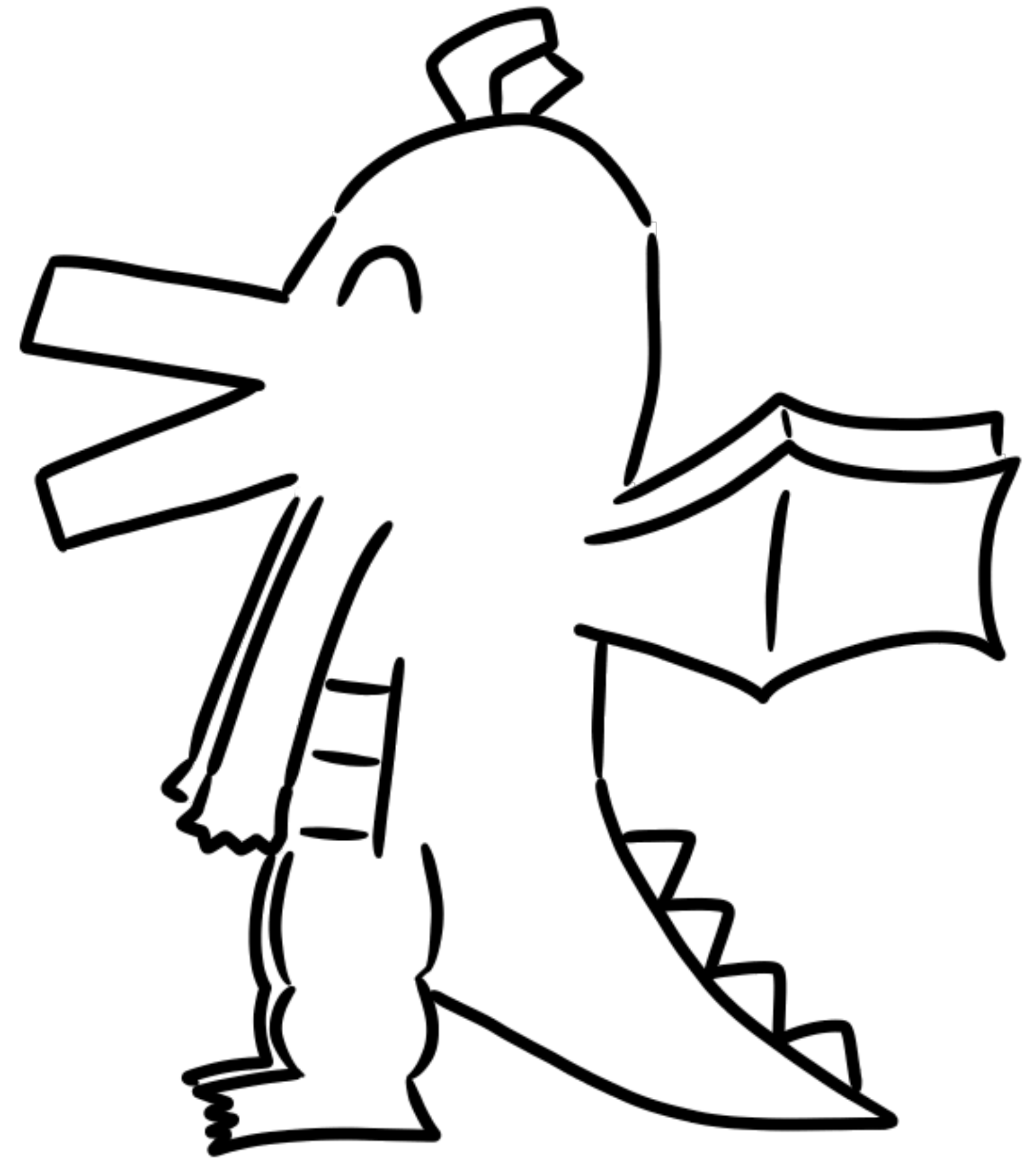
# Enum

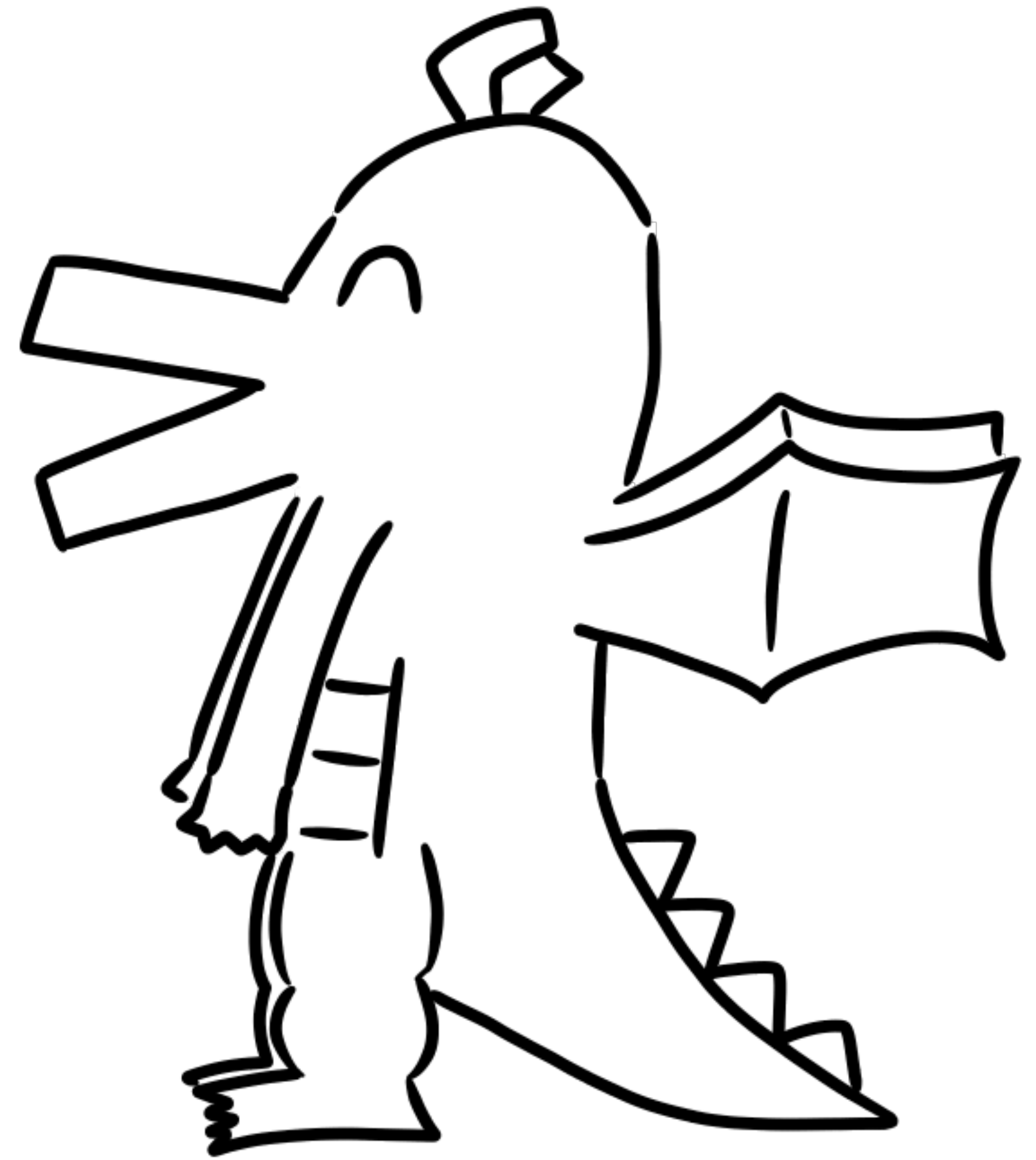
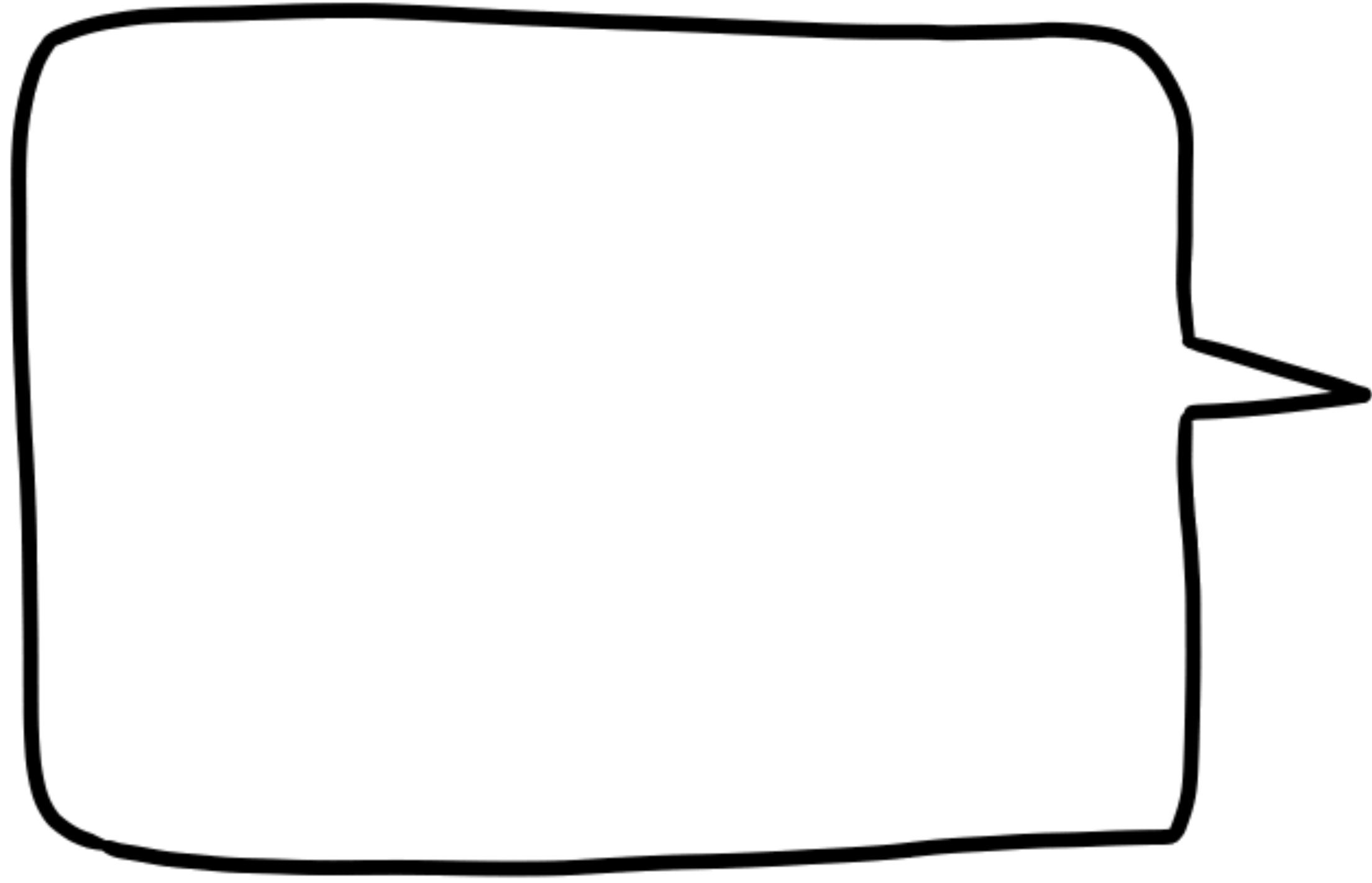
```
public enum 回答 {  
    はい,  
    いいえ  
}
```



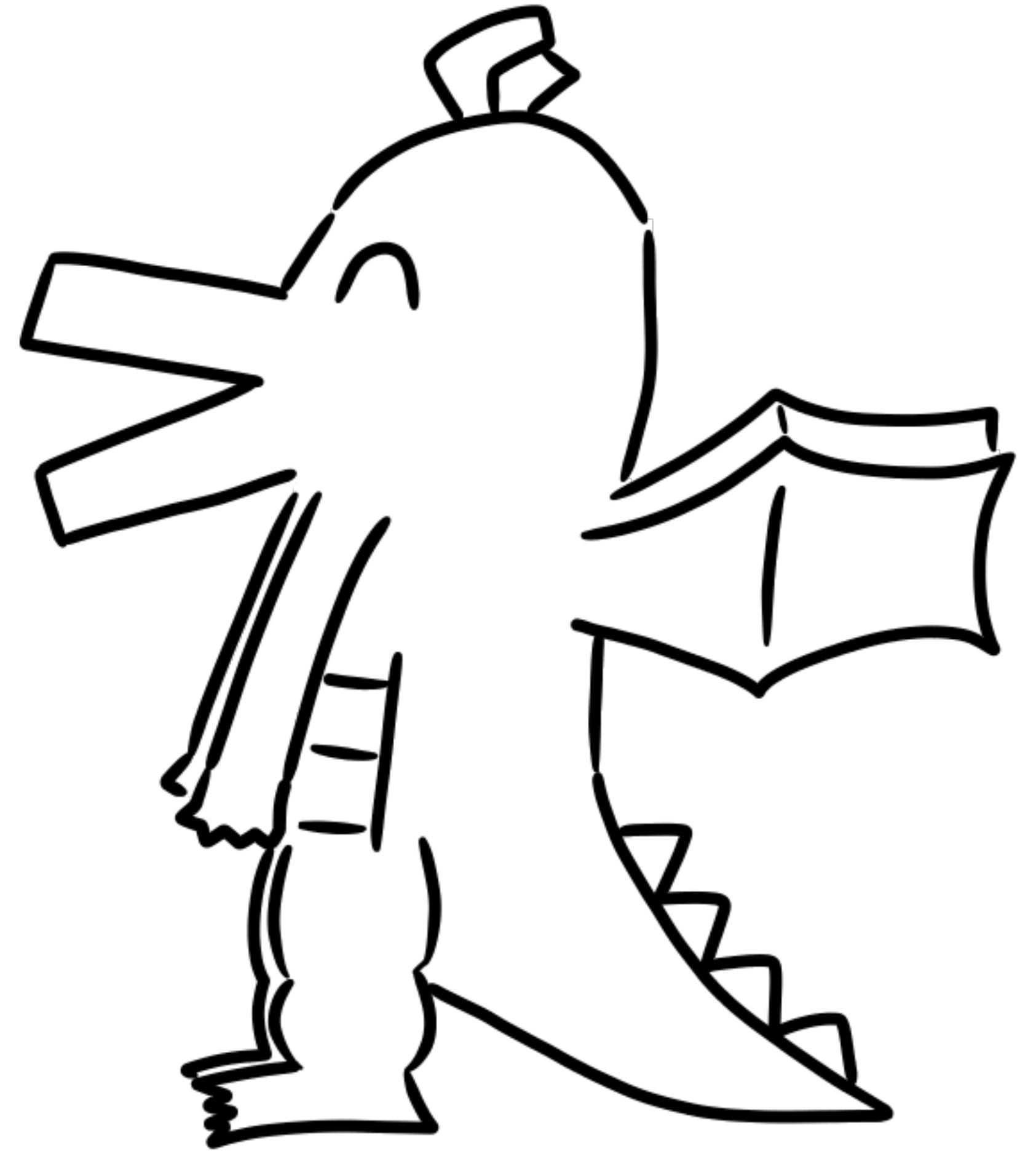
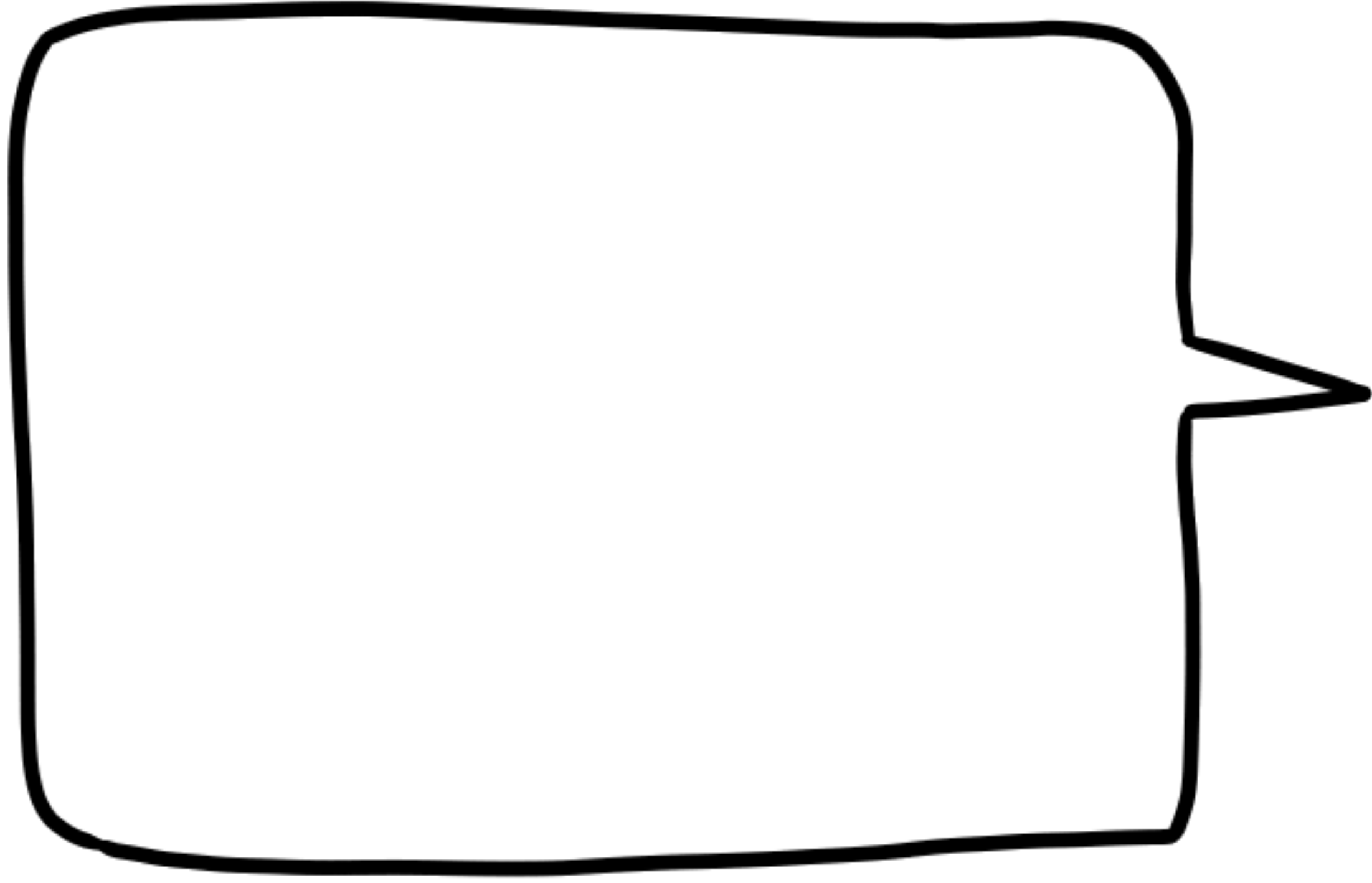
パッケージ  
プライベートと  
呼ばれるやつ

```
private String _private;  
protected String _protected;  
public String _public;  
String _package_private;
```





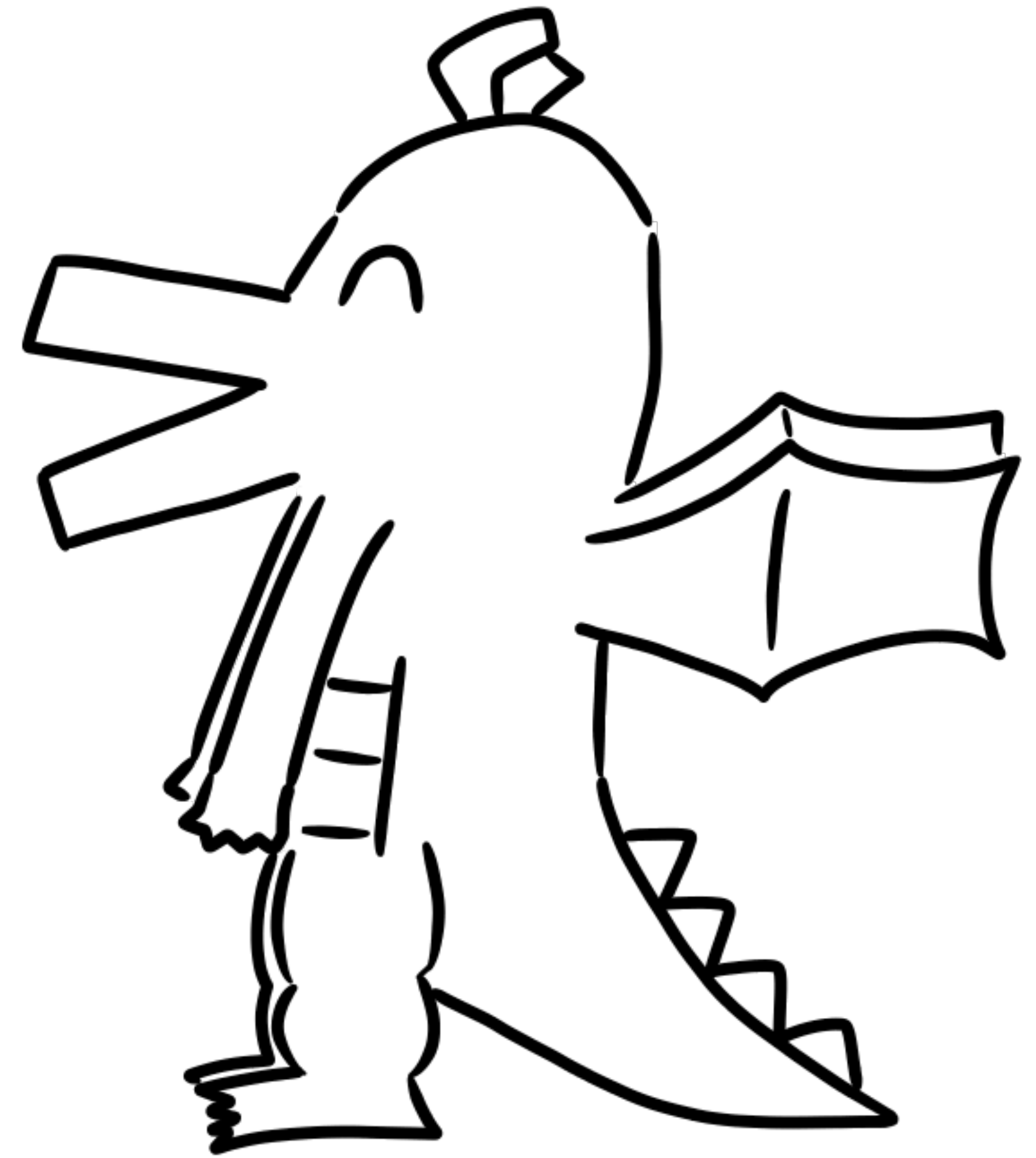
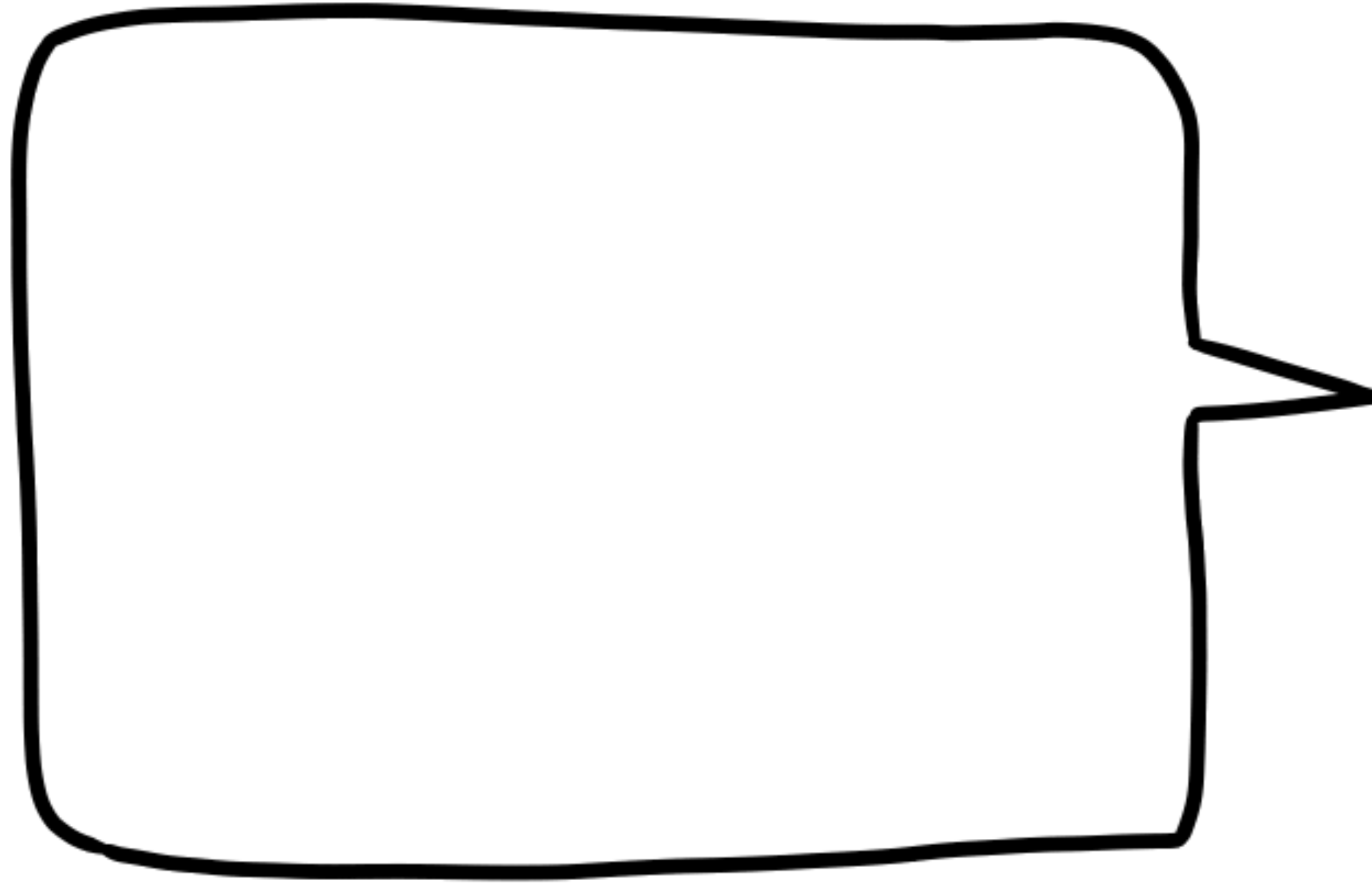
正式名称がわからないJavaの仕様も



好き

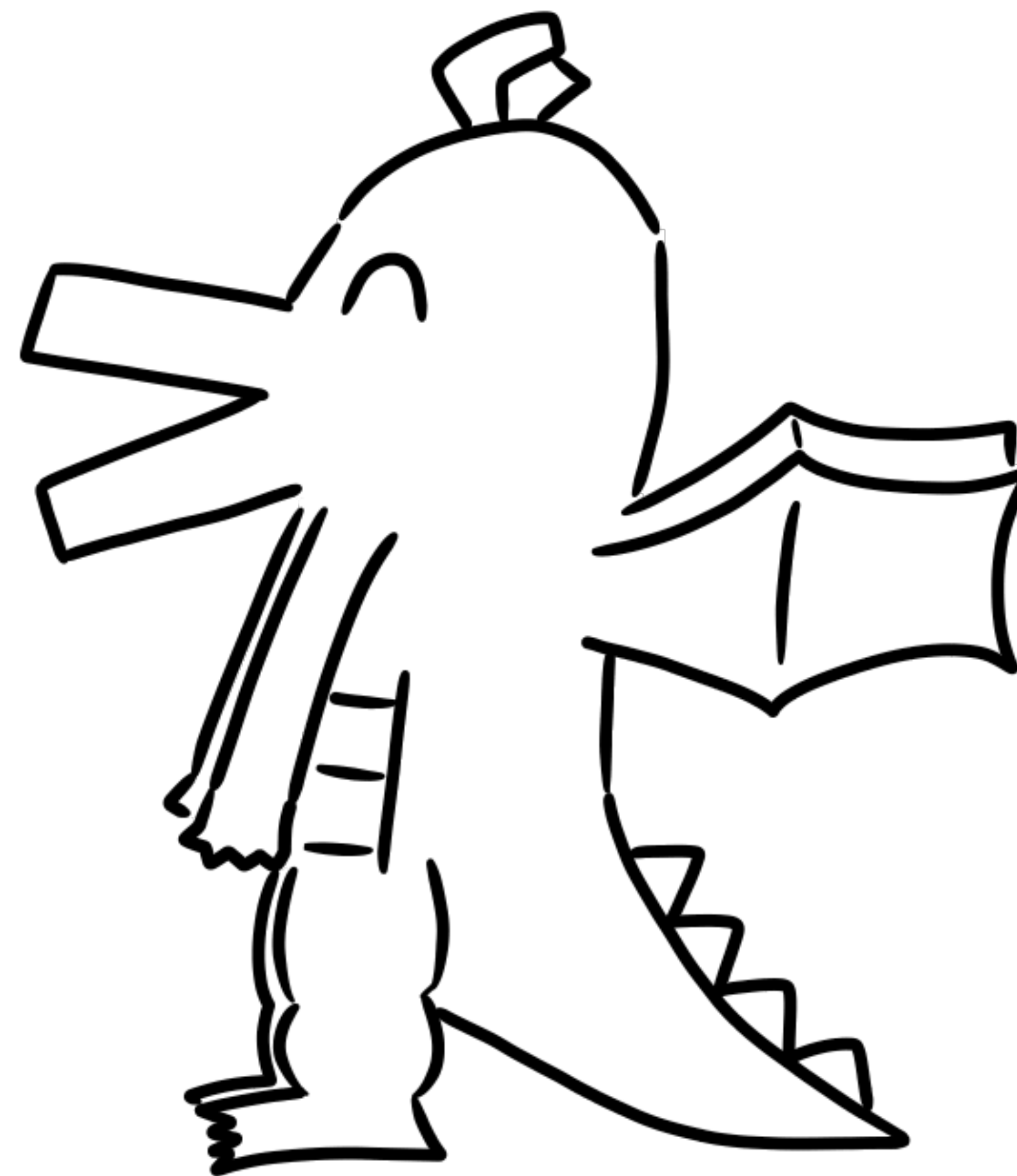
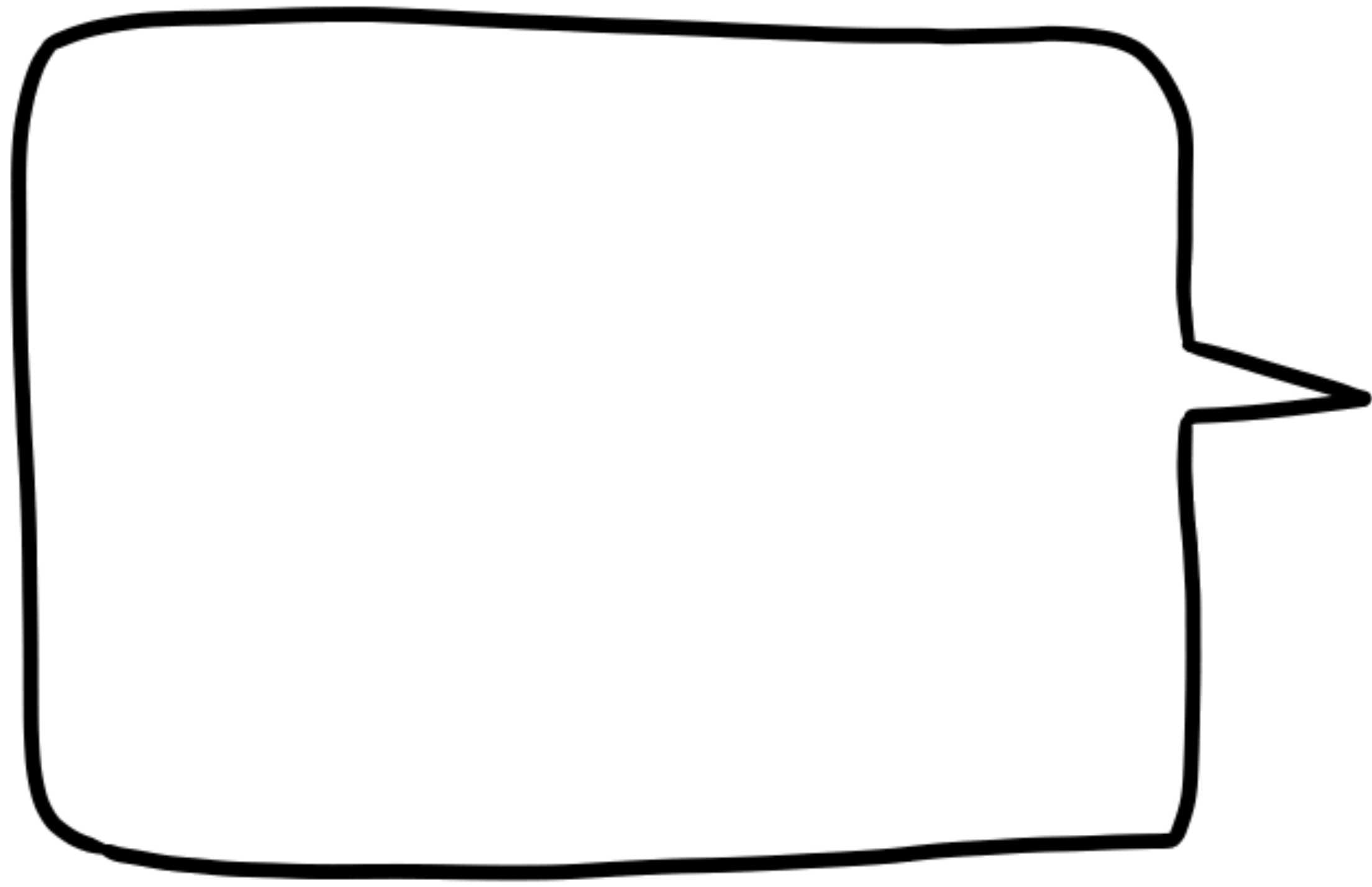
好き

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好きなJavaの仕様発表ドラゴンが

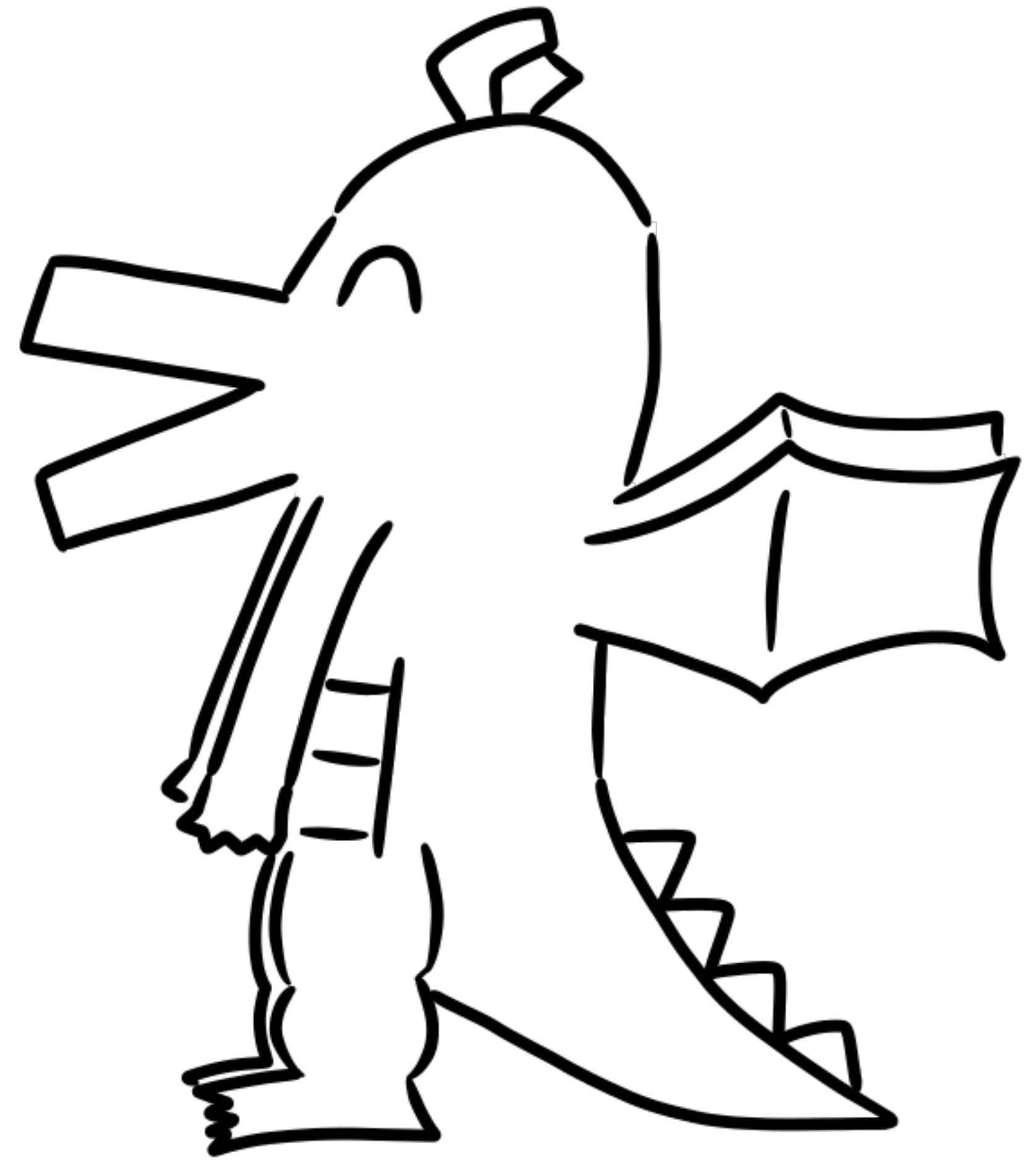




好きなJavaの仕様を発表します

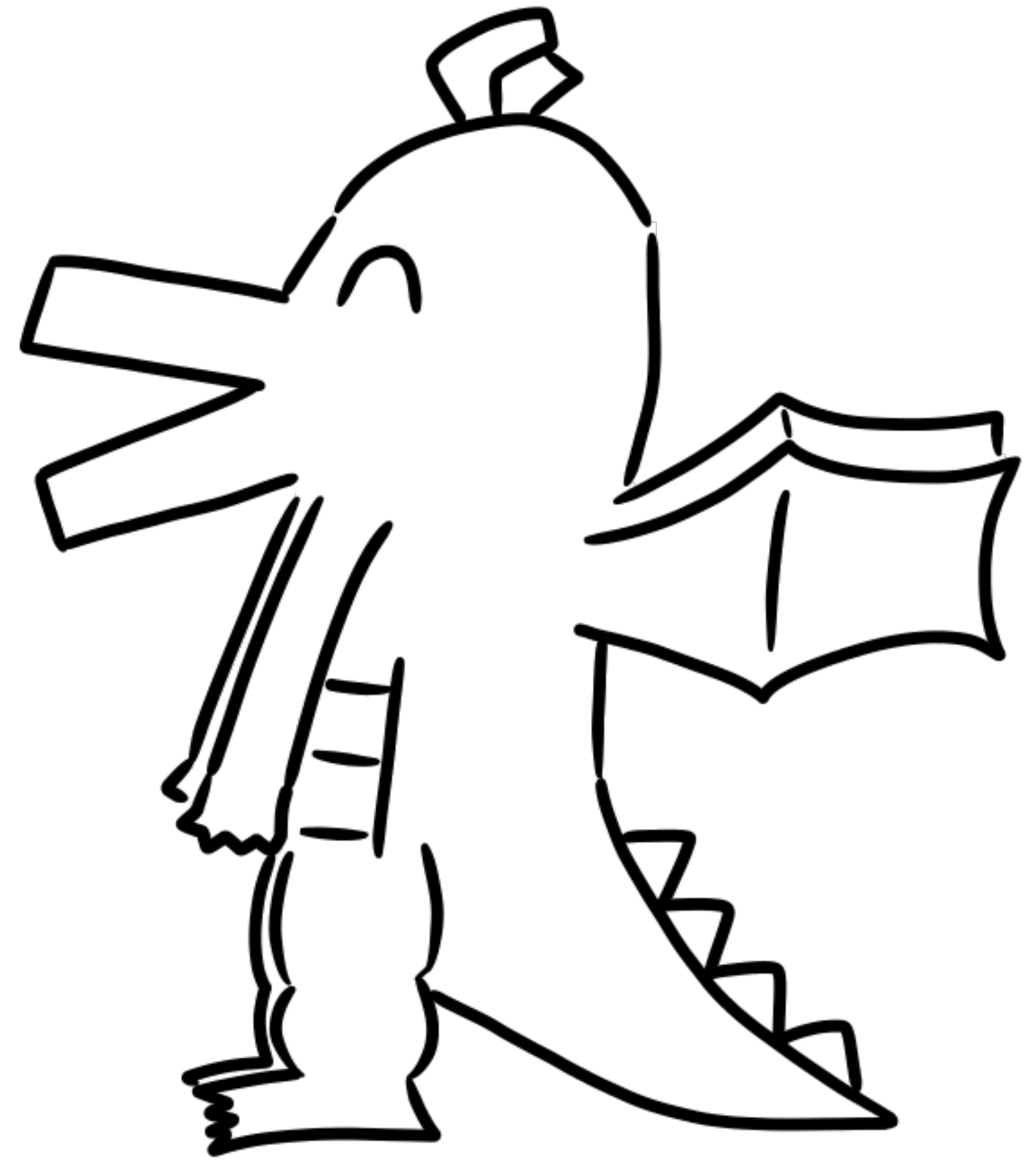
オートボクシング

```
int i = 0;  
Integer integer = i + 5;
```



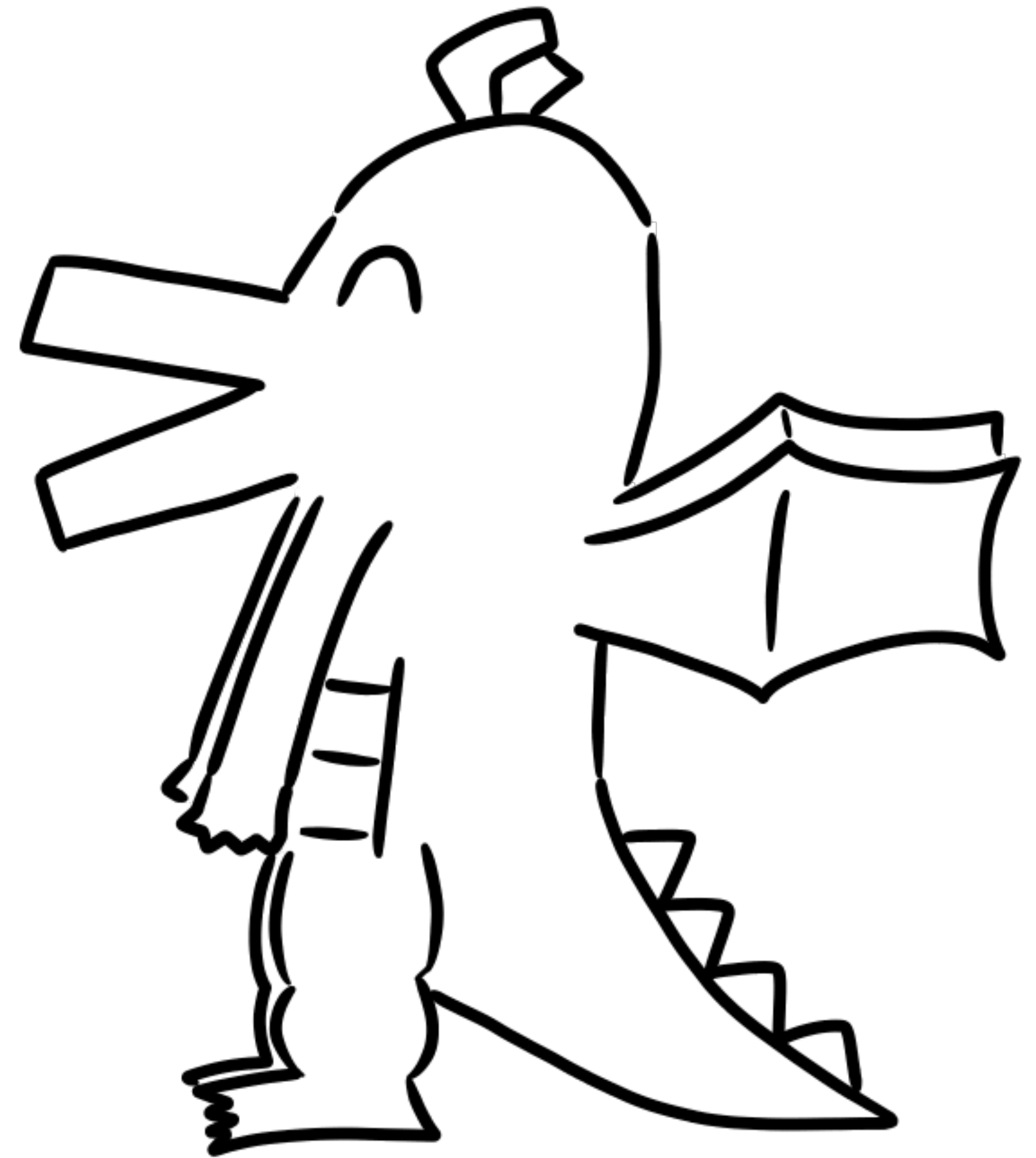
ジェネリクス

```
// やるなよ? 絶対やるなよ!?  
Map<String, Object> params = new HashMap<>();
```



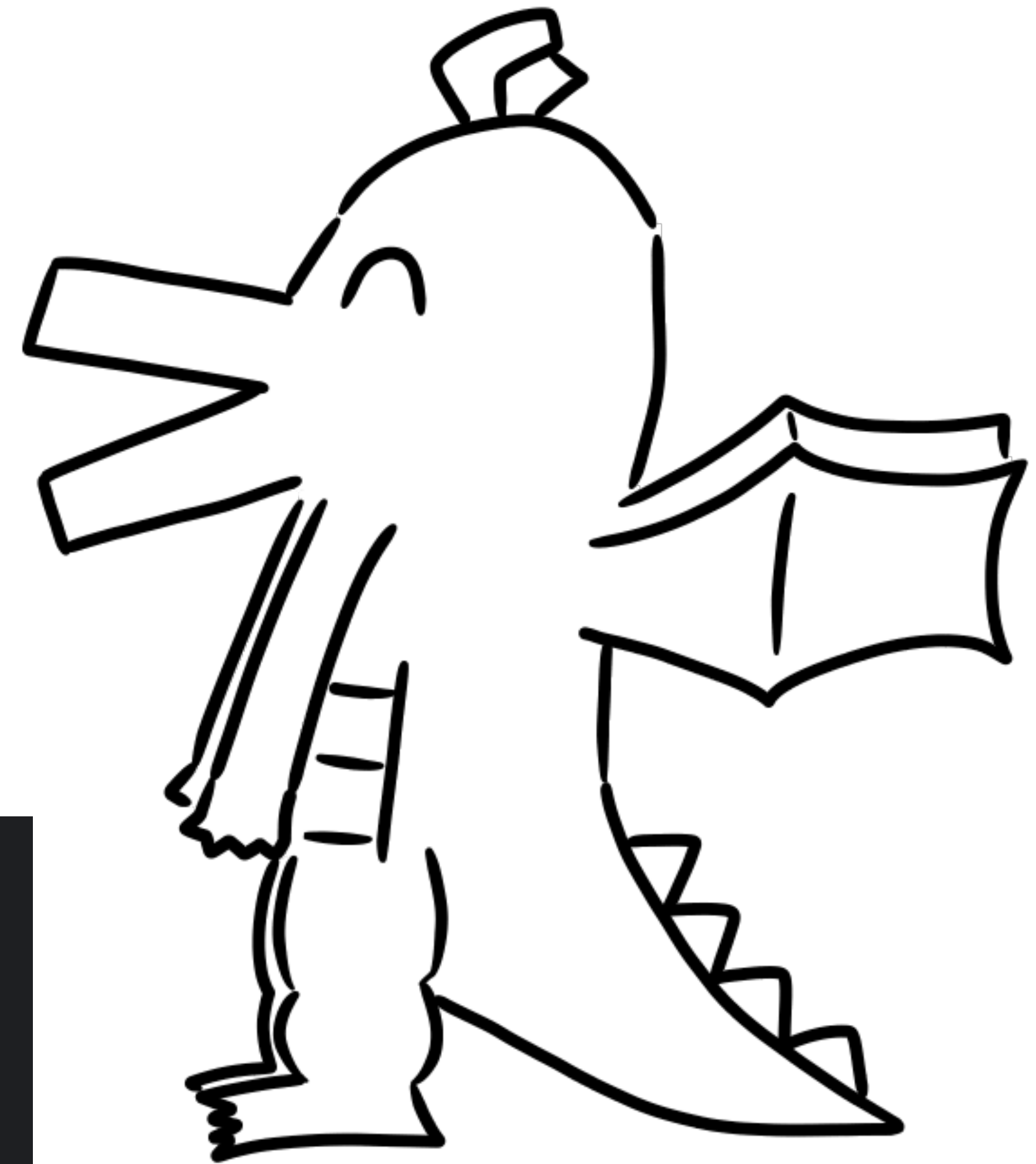
# Enum

```
public enum 回答 {  
    はい,  
    いいえ  
}
```

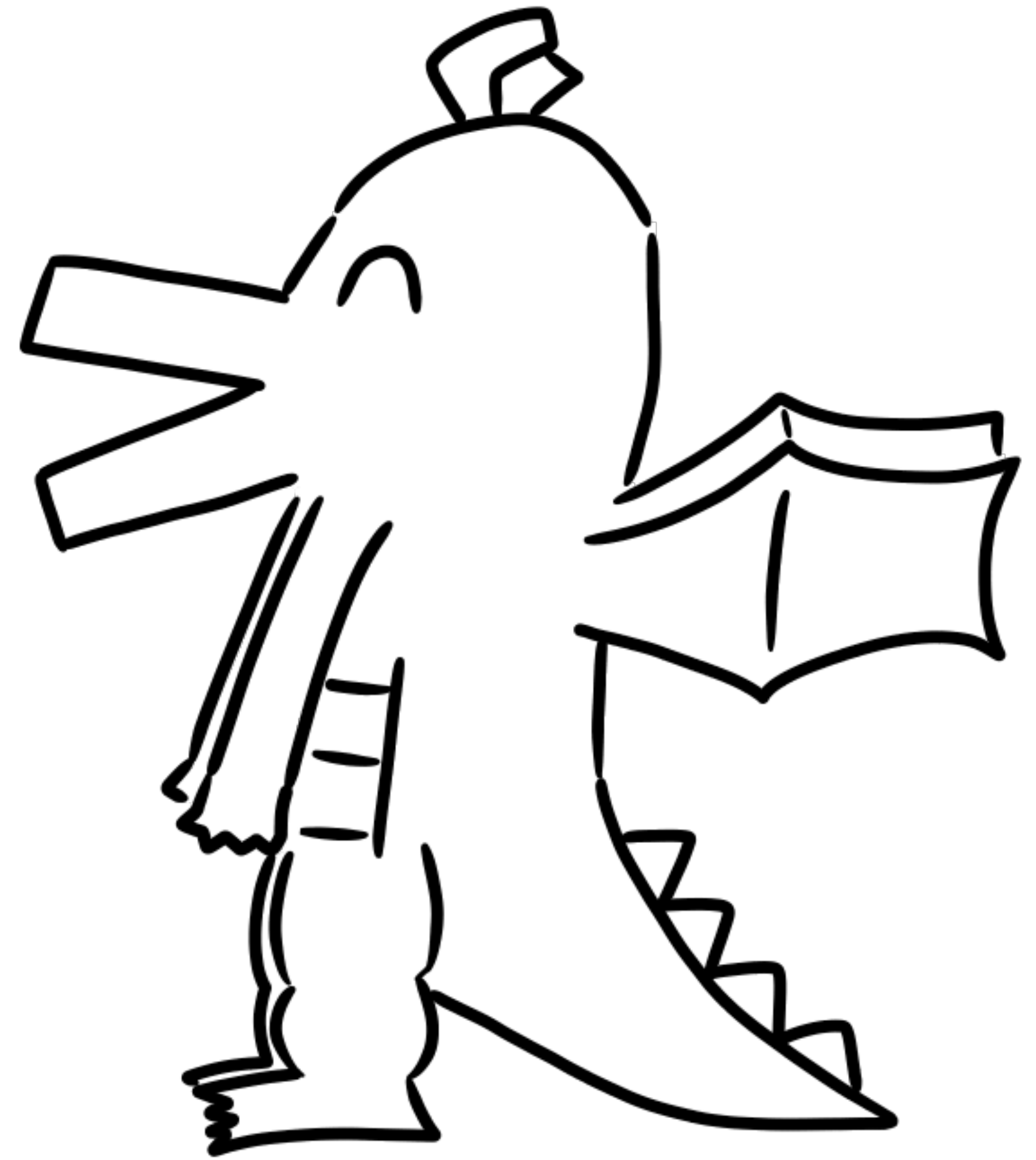
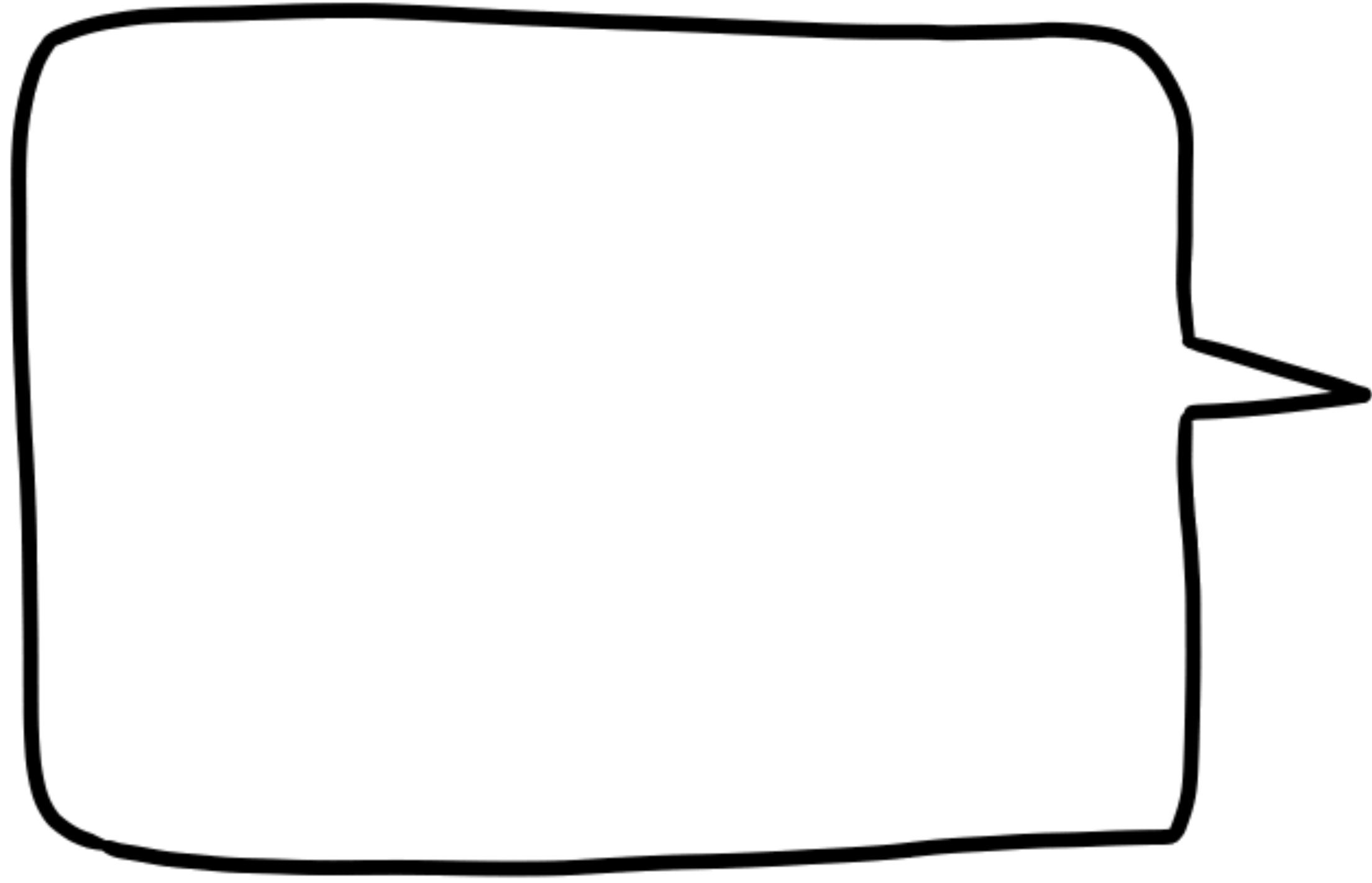


条件演算子の  
二項目と三項目が  
違う型でも  
動くことがあるやつ

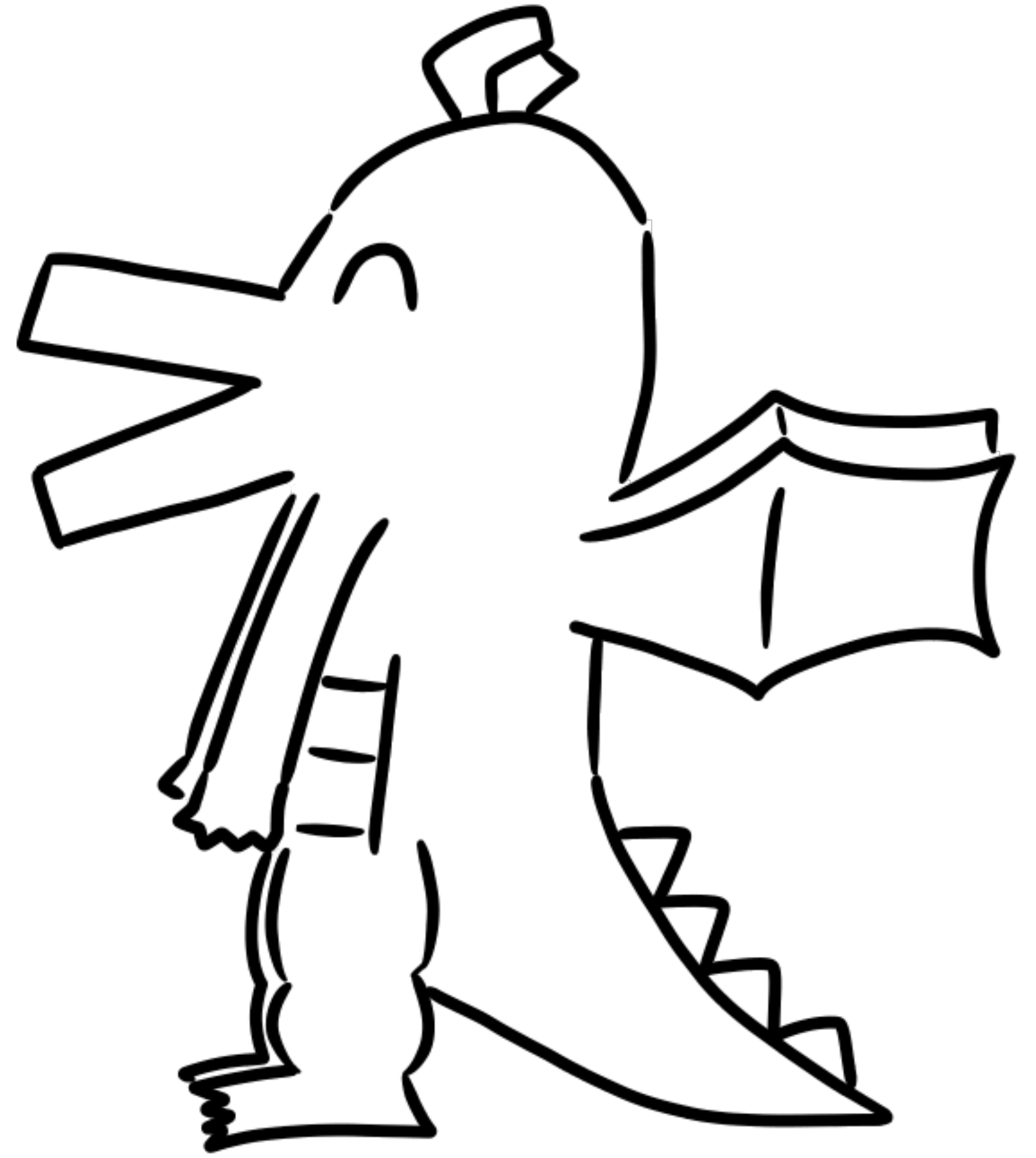
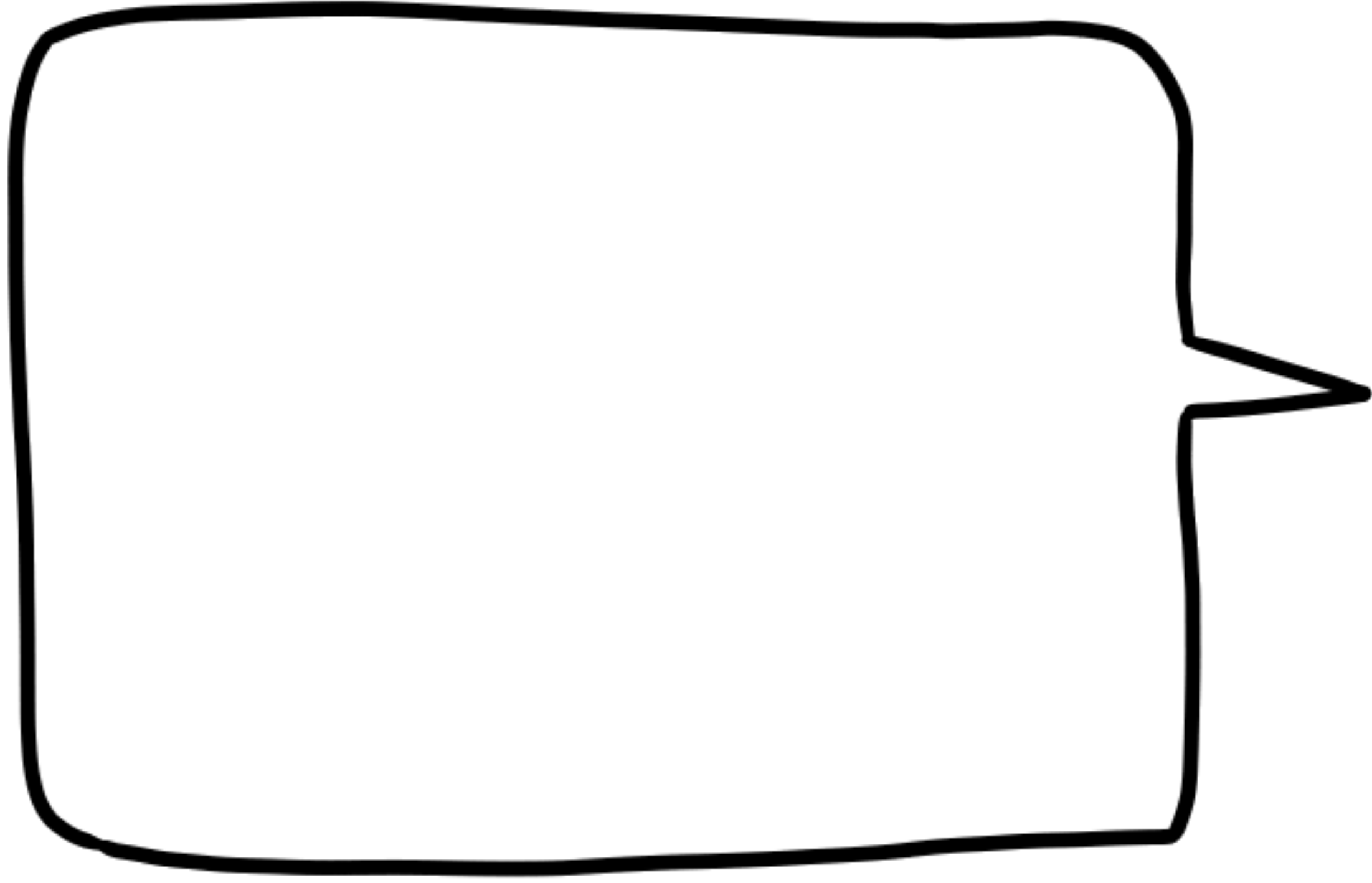
```
// これはいける  
System.out.println(i % 3 == 0 ? "Fizz" : i);  
// これは無理  
String str = (i % 3 == 0 ? "Fizz" : i);
```



(なぜ動くのかわからない)



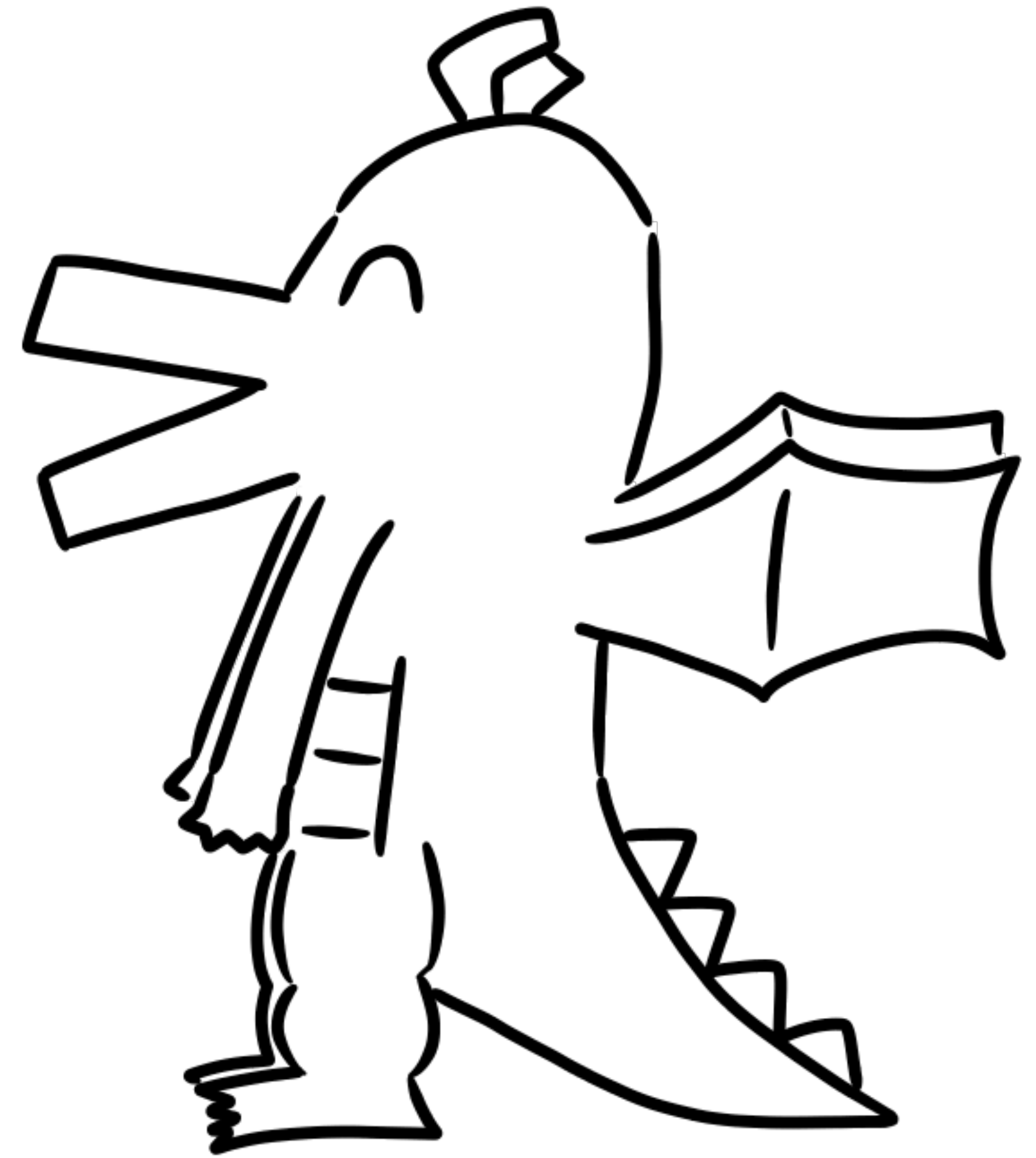
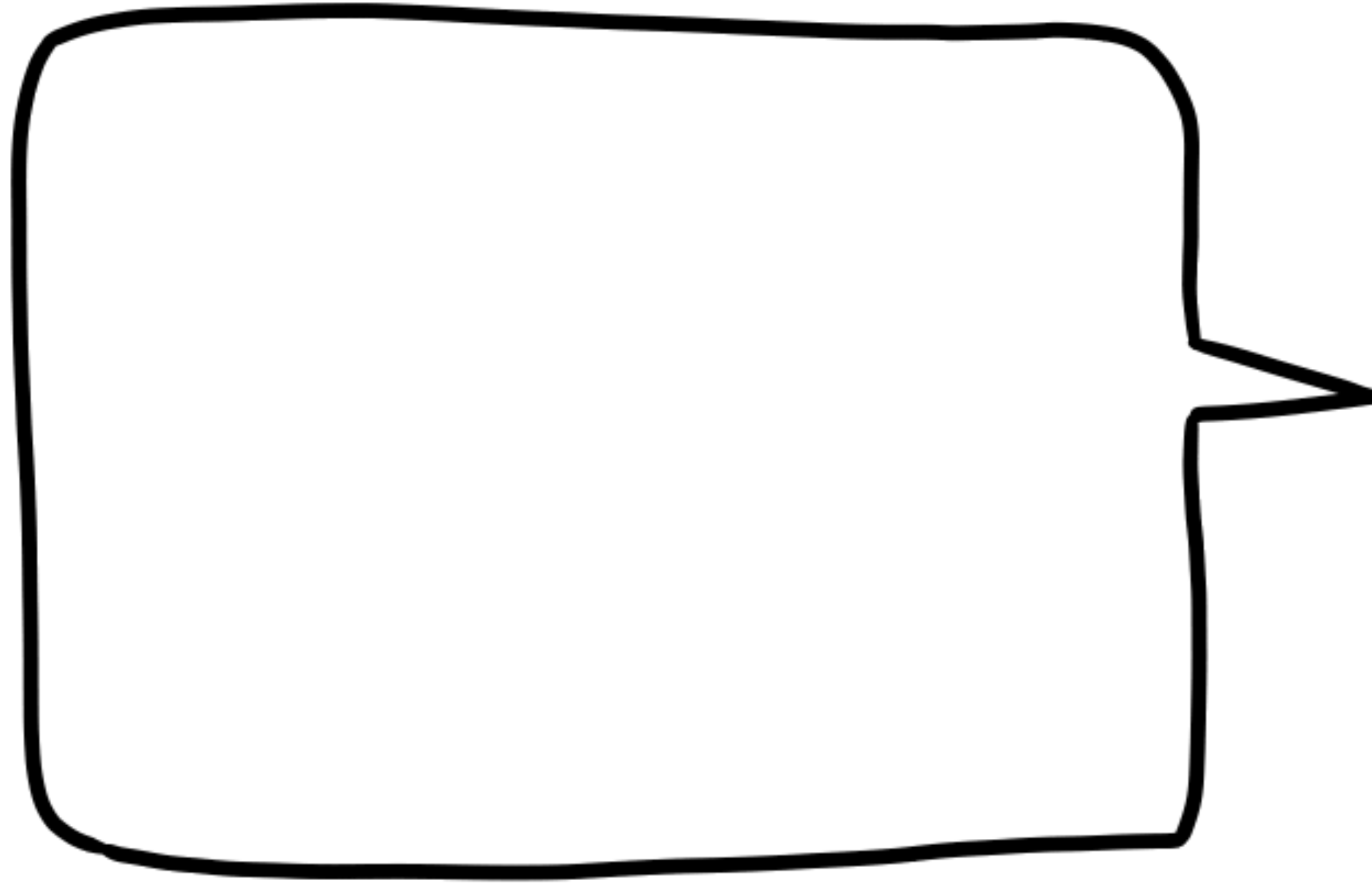
正式名称がわからないJavaの仕様も



好き

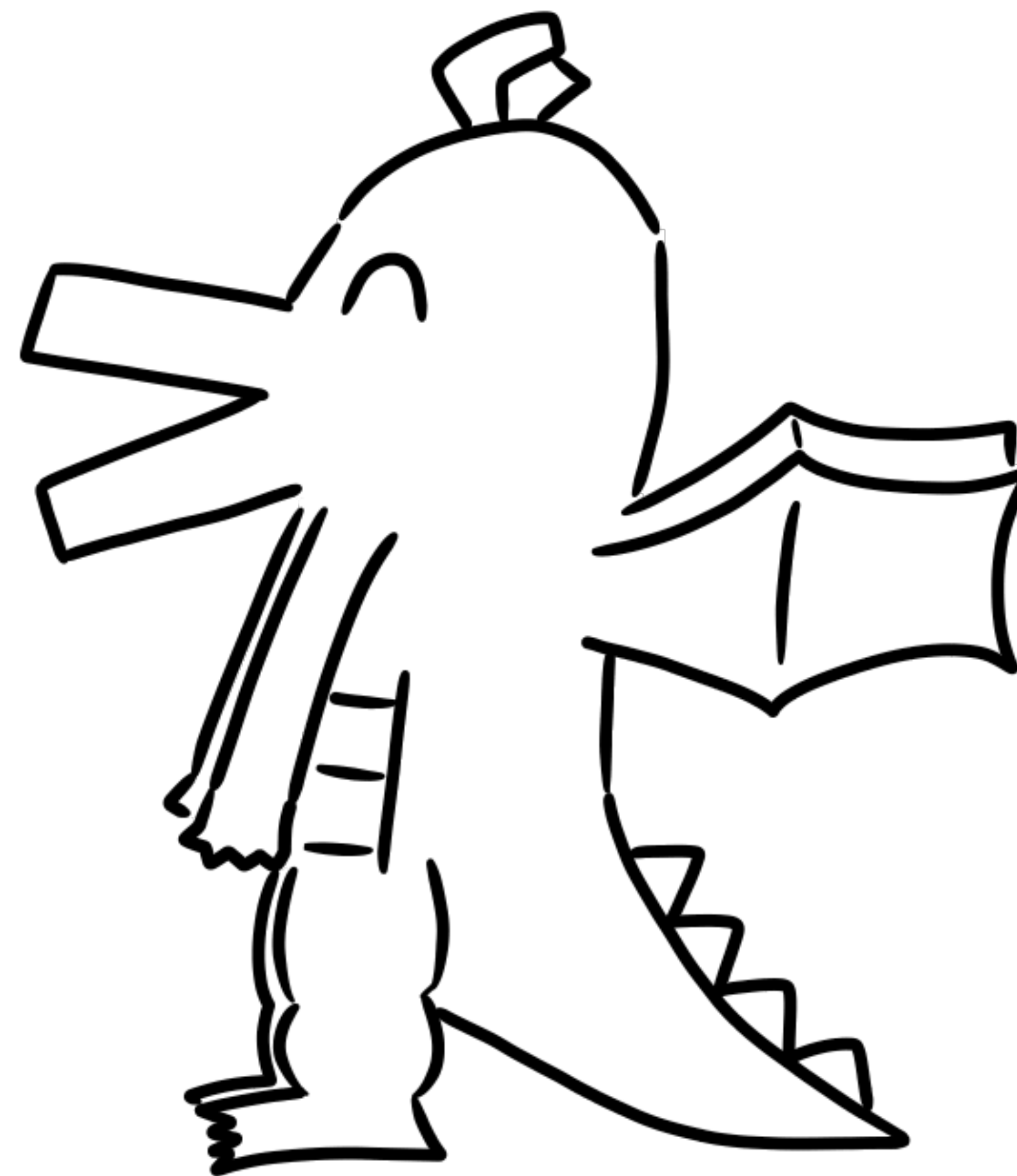
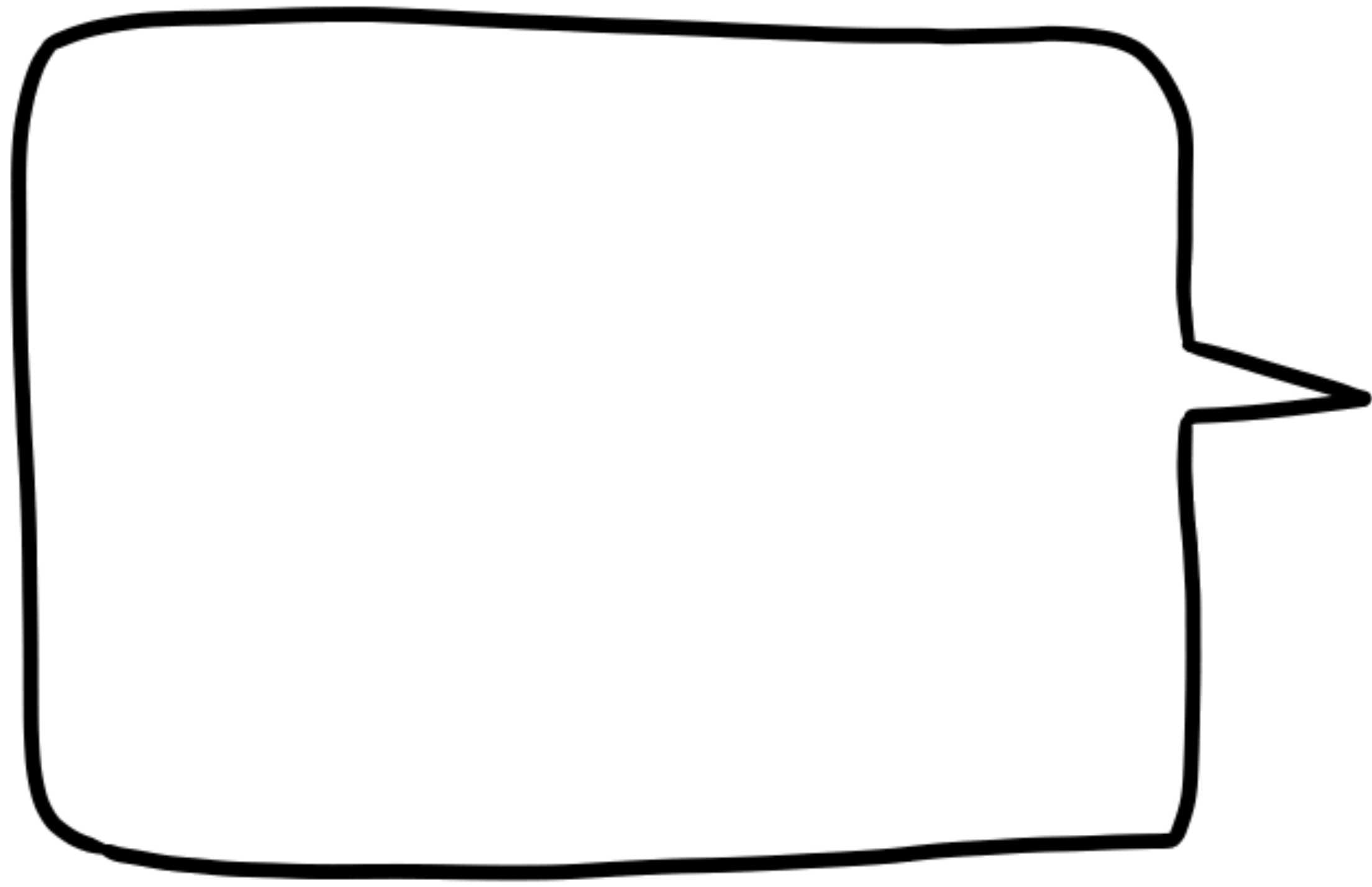
好き

大好き



好きなJavaの仕様発表ドラゴンが

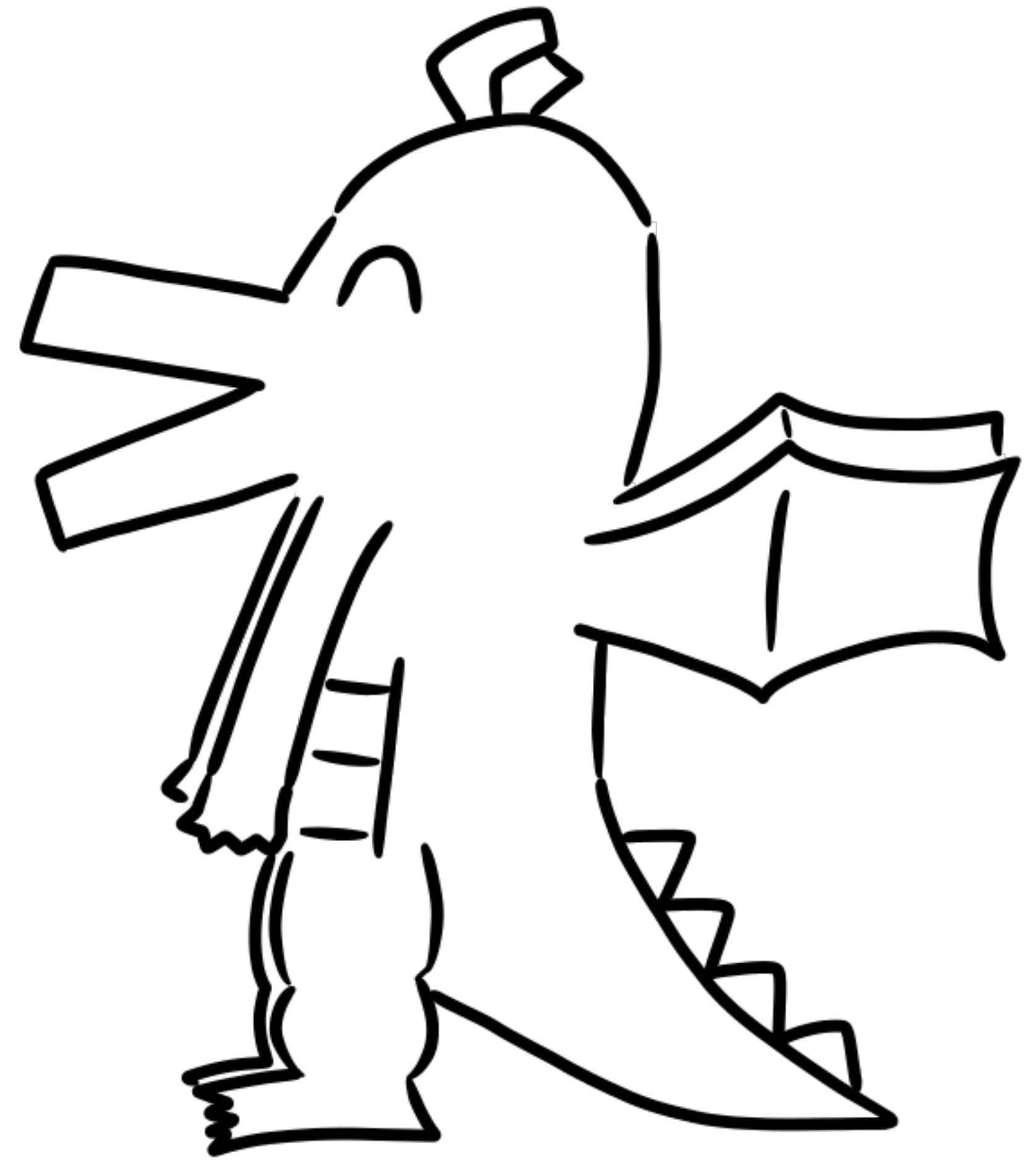




好きなJavaの仕様を発表します

# Jshell

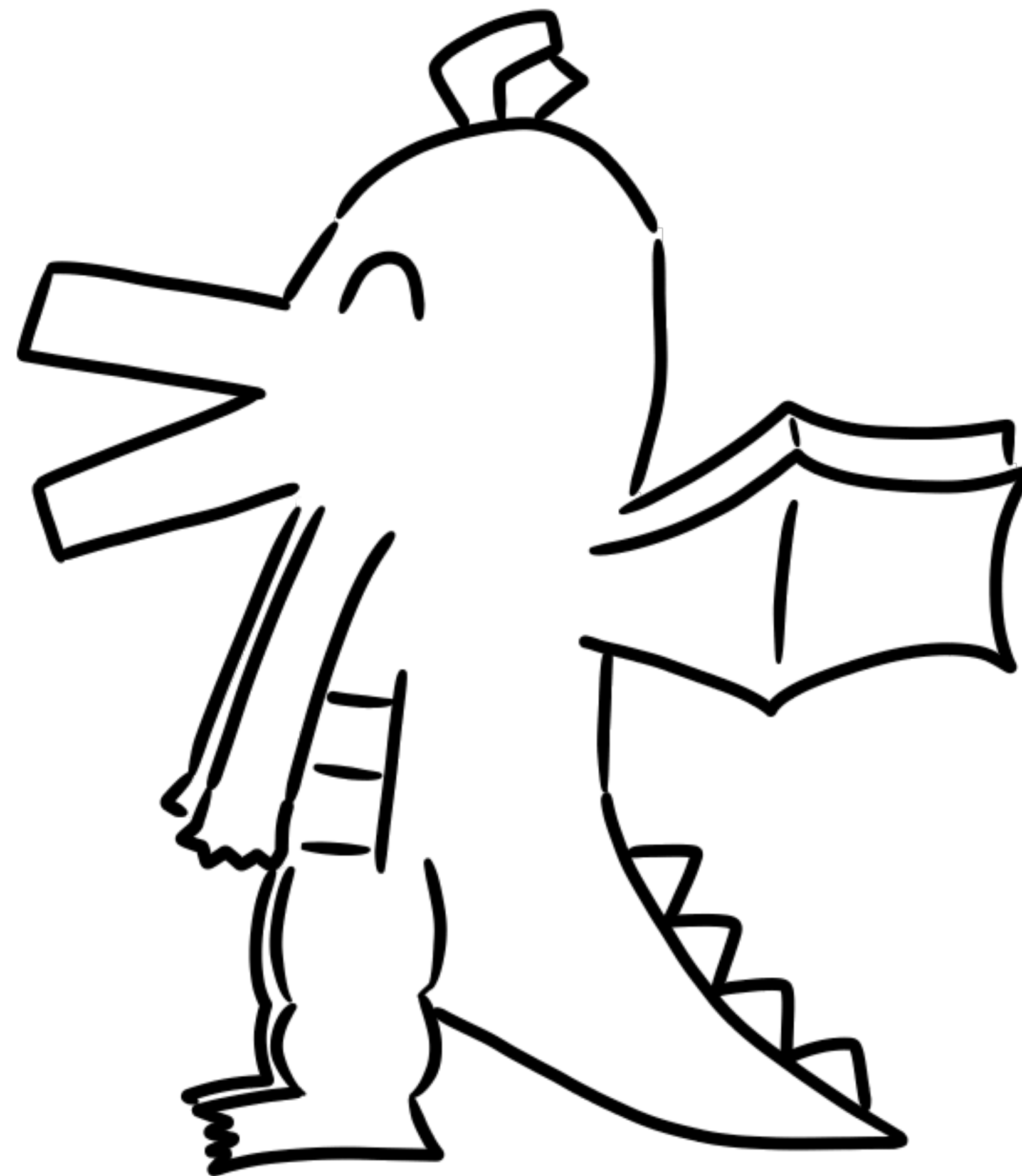
```
: ~ $ jshell  
| JShellへようこそ -- バージョン17.0.11  
| 概要については、次を入力してください: /help intro  
  
jshell> /exit  
| 終了します
```



テキスト  
ブロック

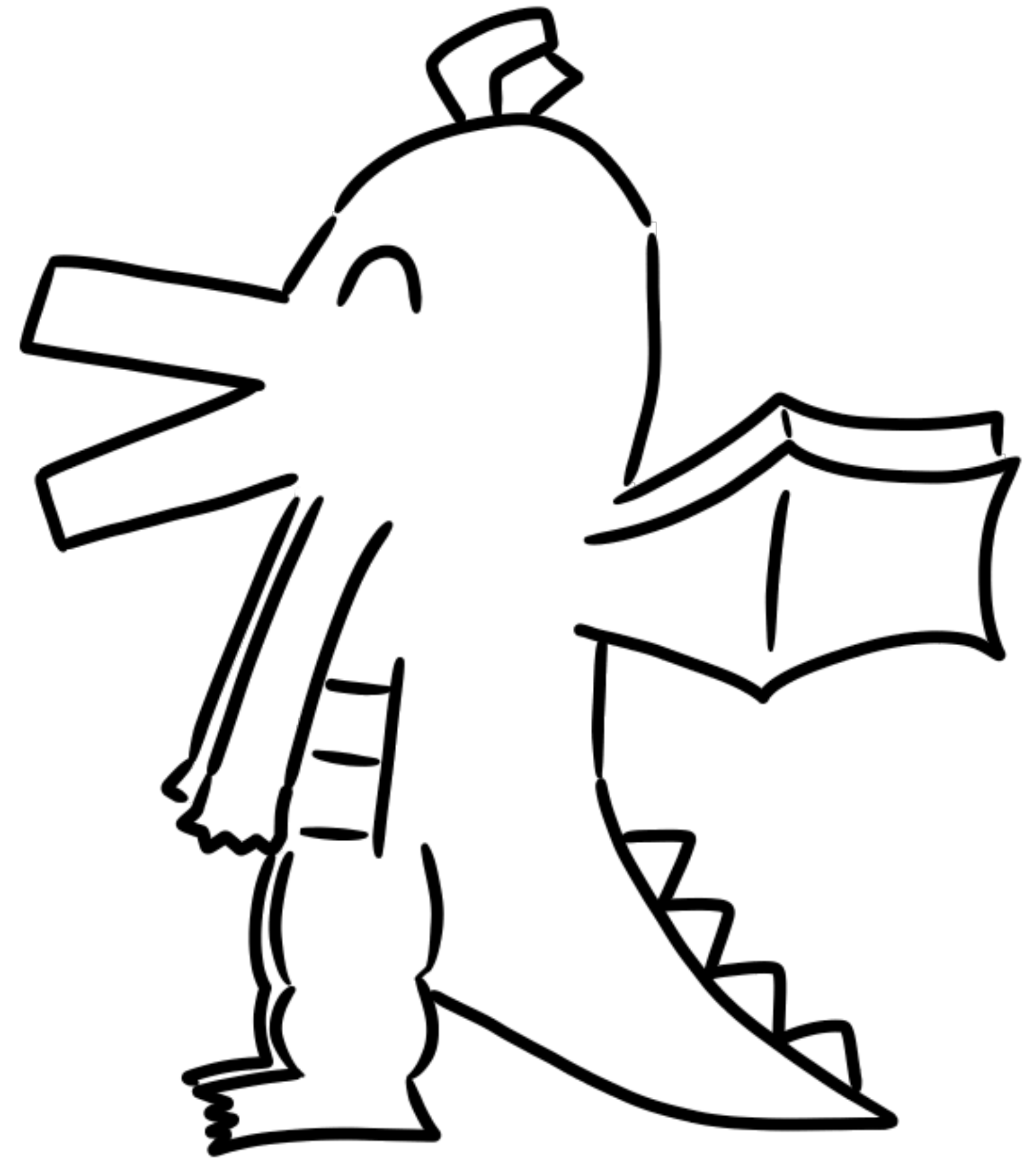
```
String block = ""
```

```
    変数を  
    埋め込みたい  
    人生だった  
    "";
```

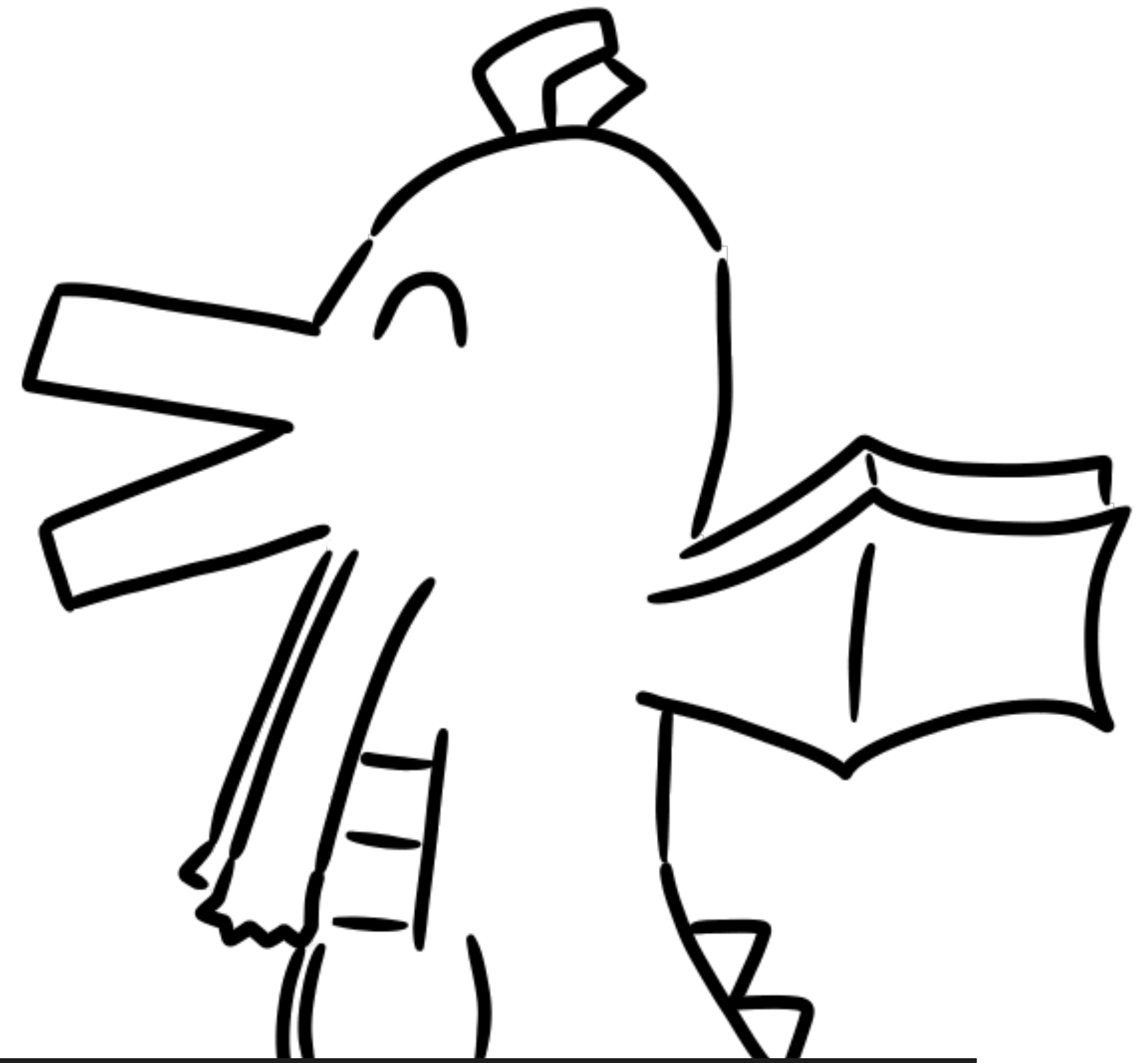


拡張for

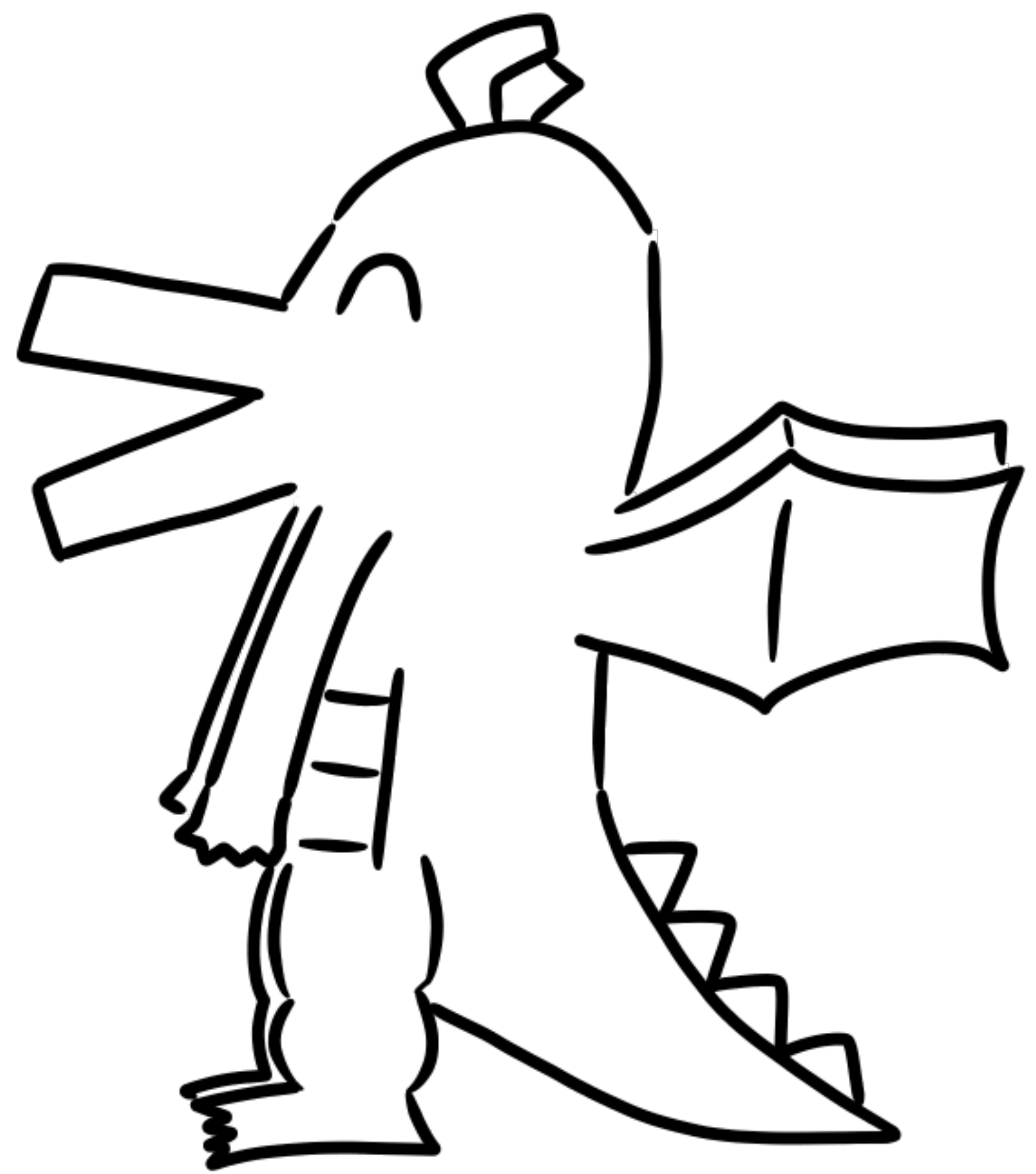
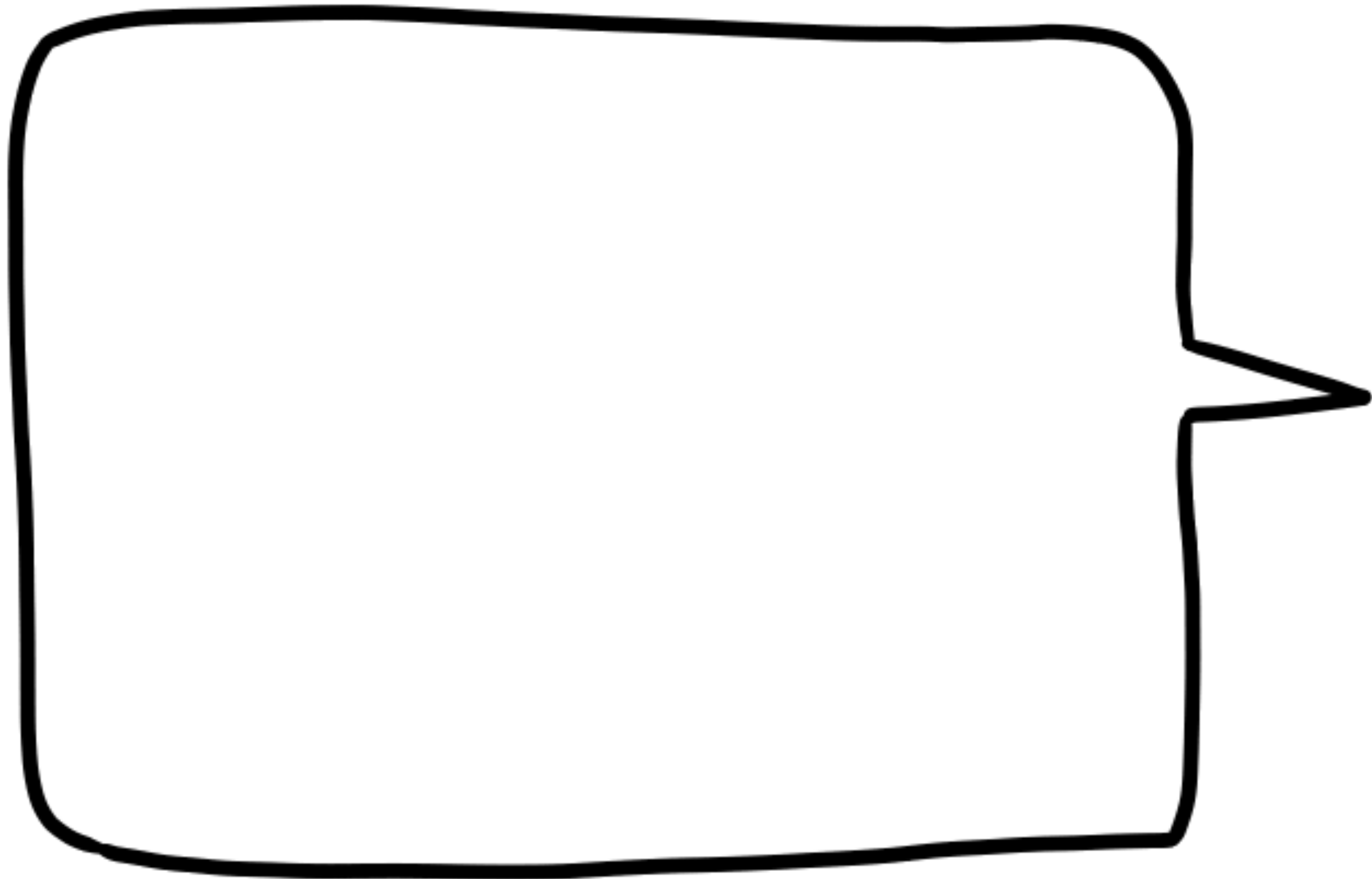
```
for (String line : block.split(regex: "\n")) {  
    System.out.println(line.trim());  
}
```



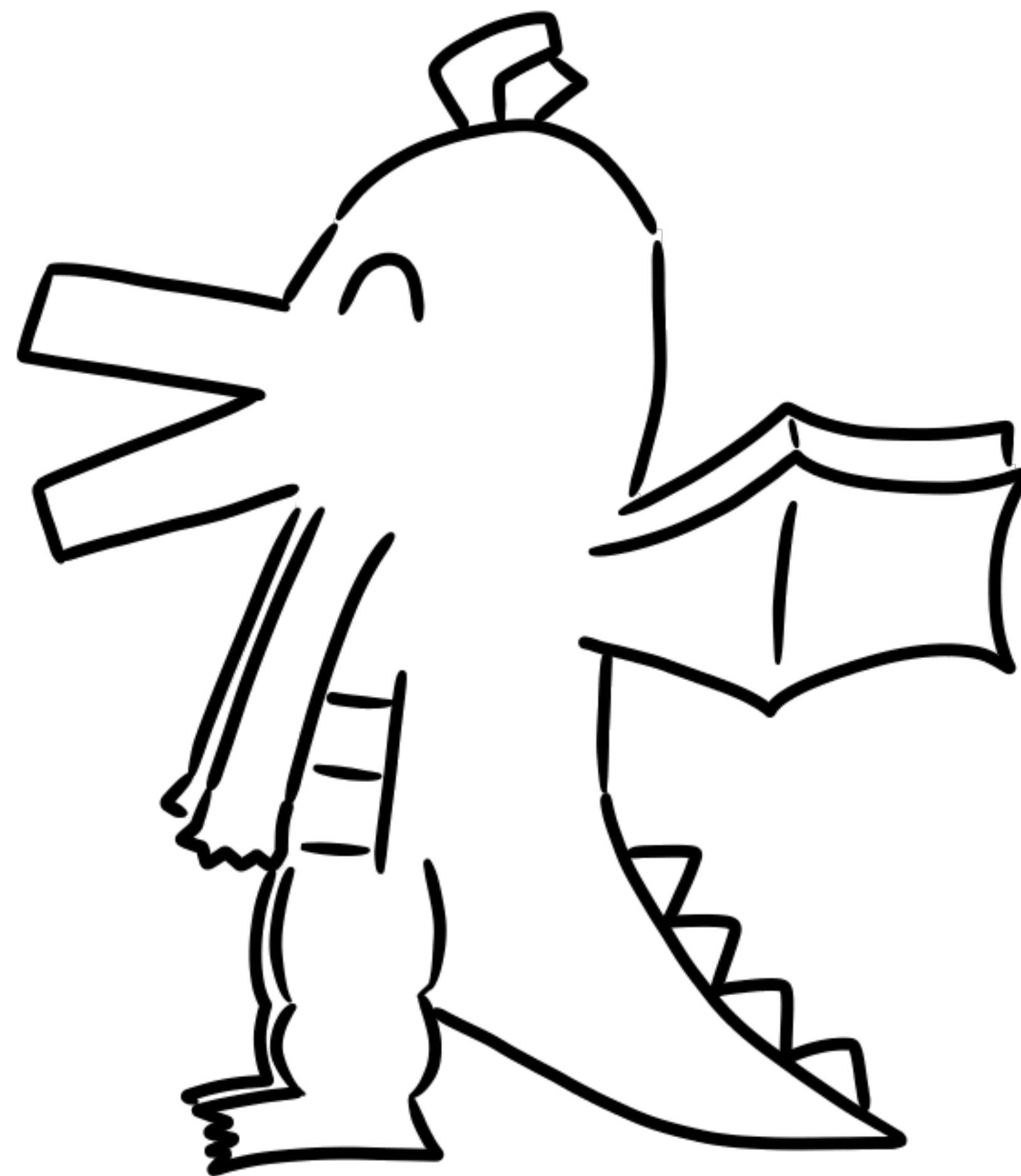
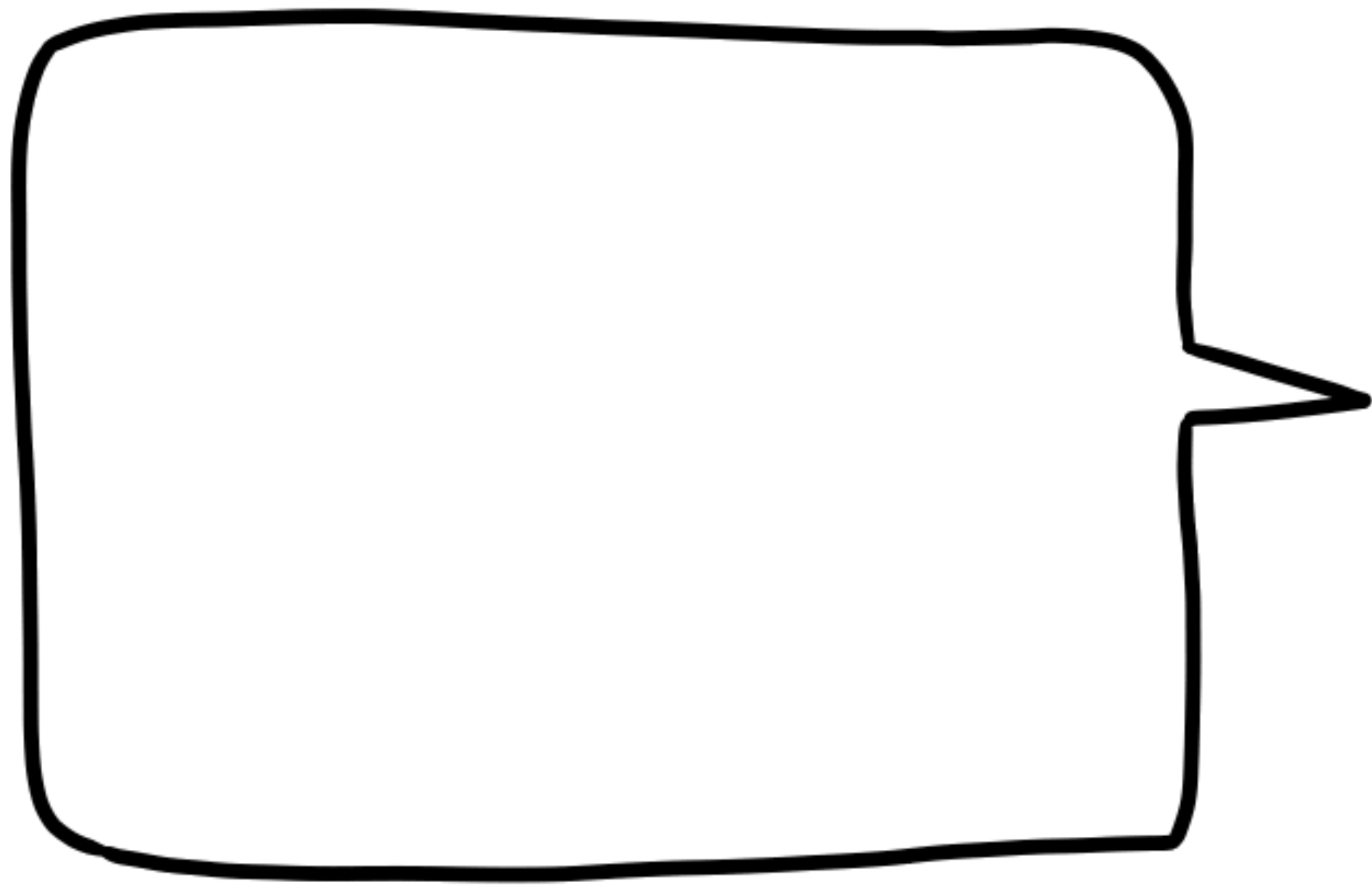
tryに  
宣言が  
かけるやつ



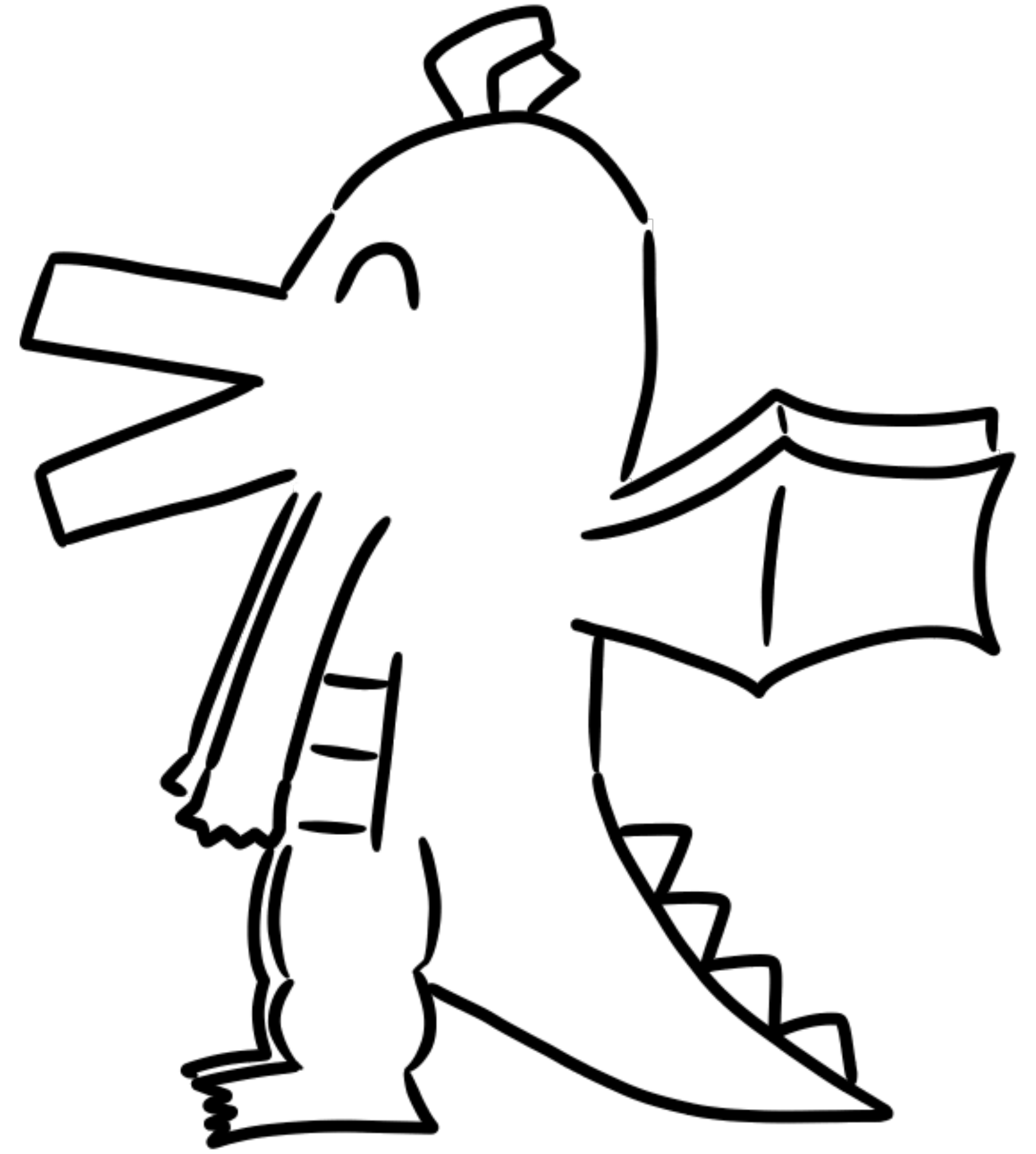
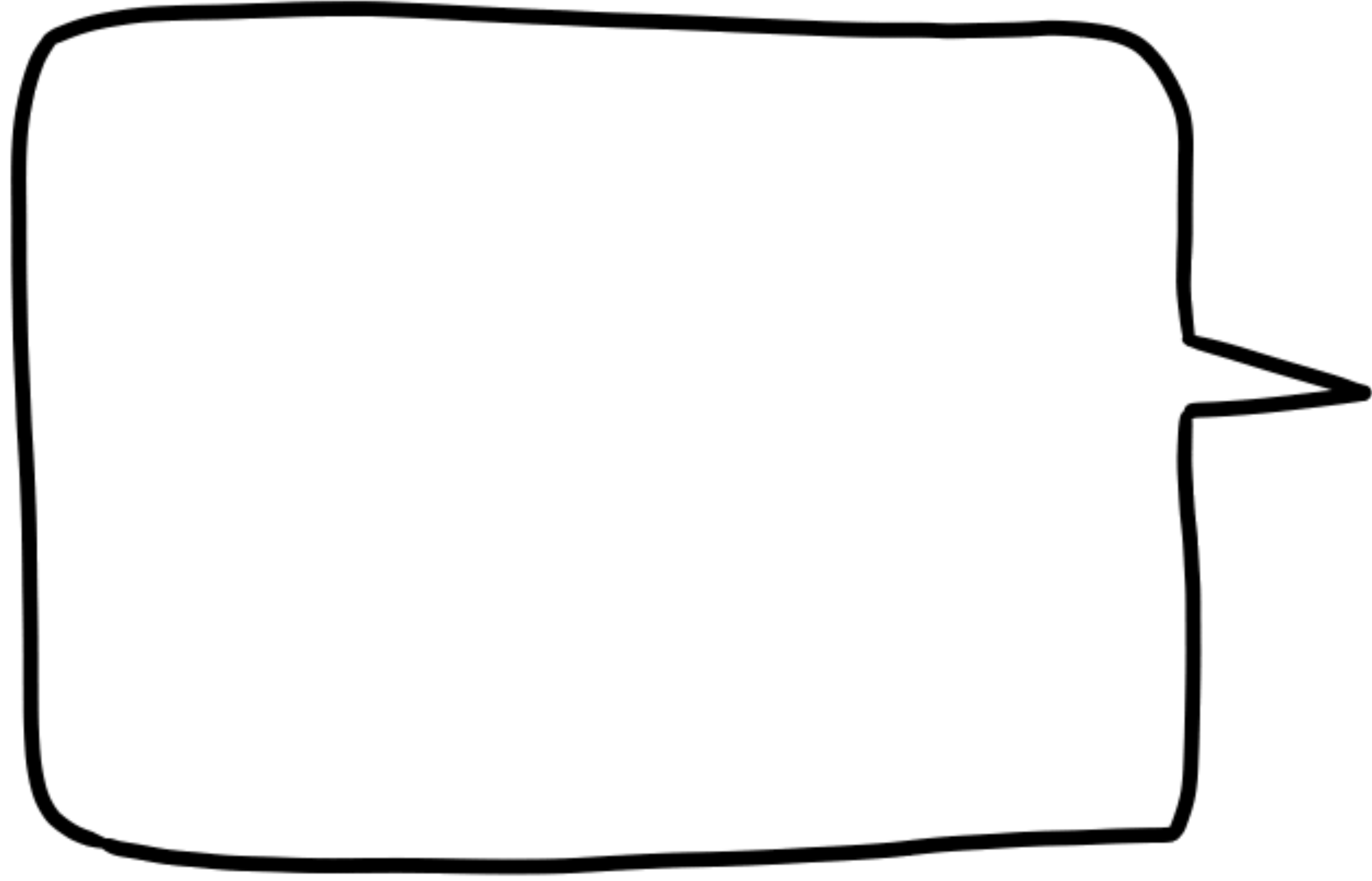
```
try (BufferedReader reader = new BufferedReader(new InputStreamReader(System.in))) {  
    reader.readLine();  
}
```



try-with-resourcesかな

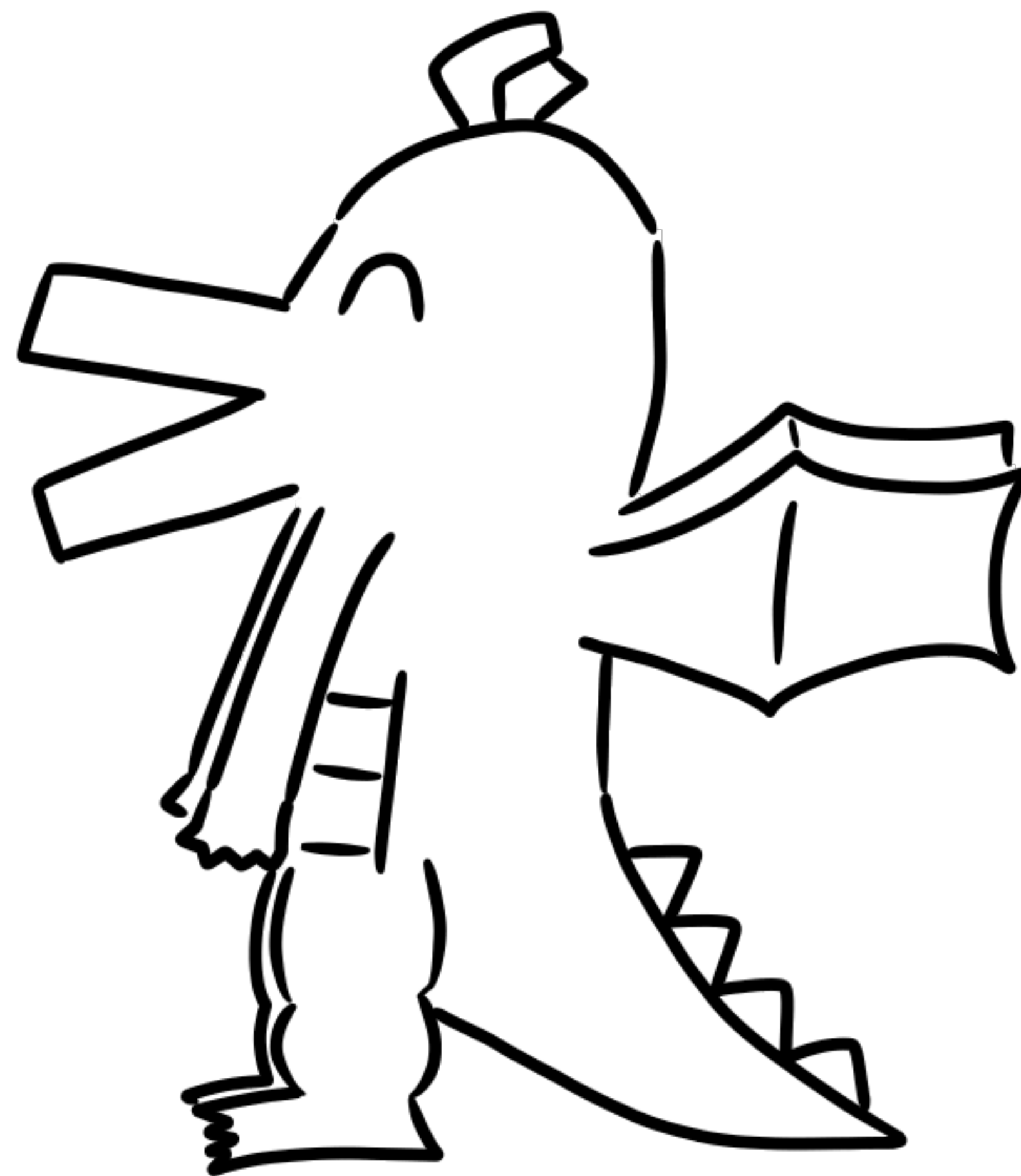
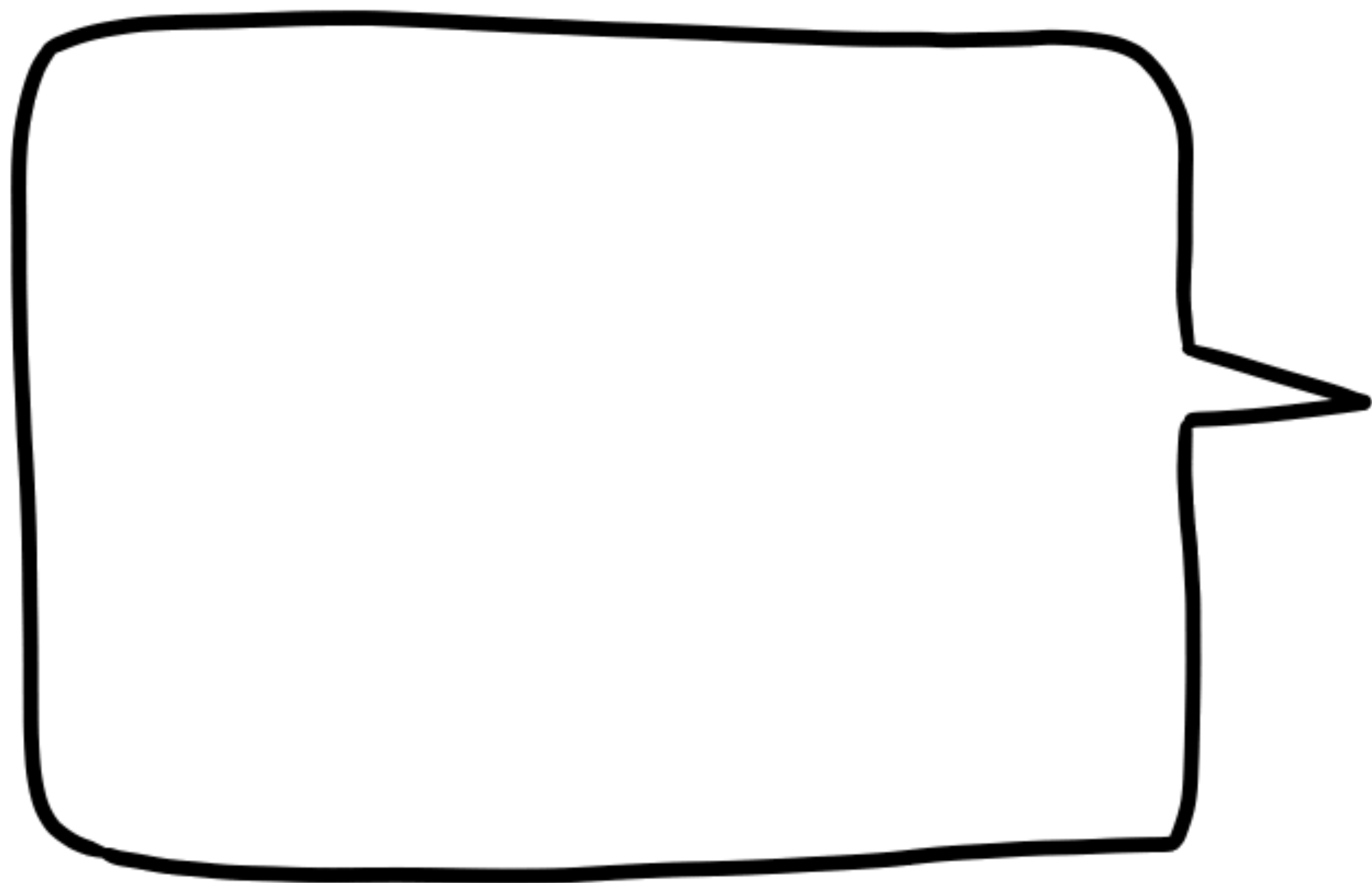


それってtry-with-resourcesだね

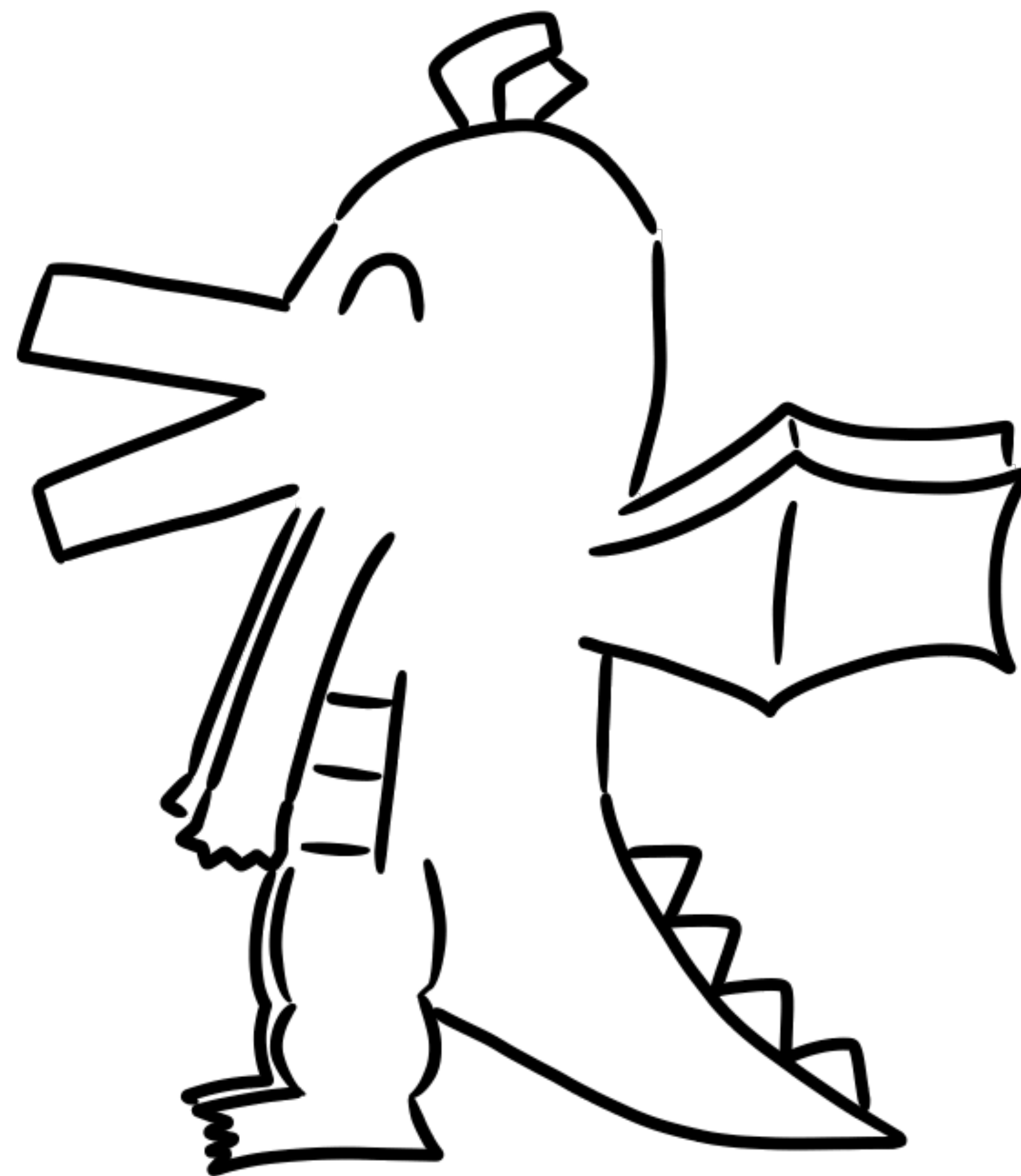
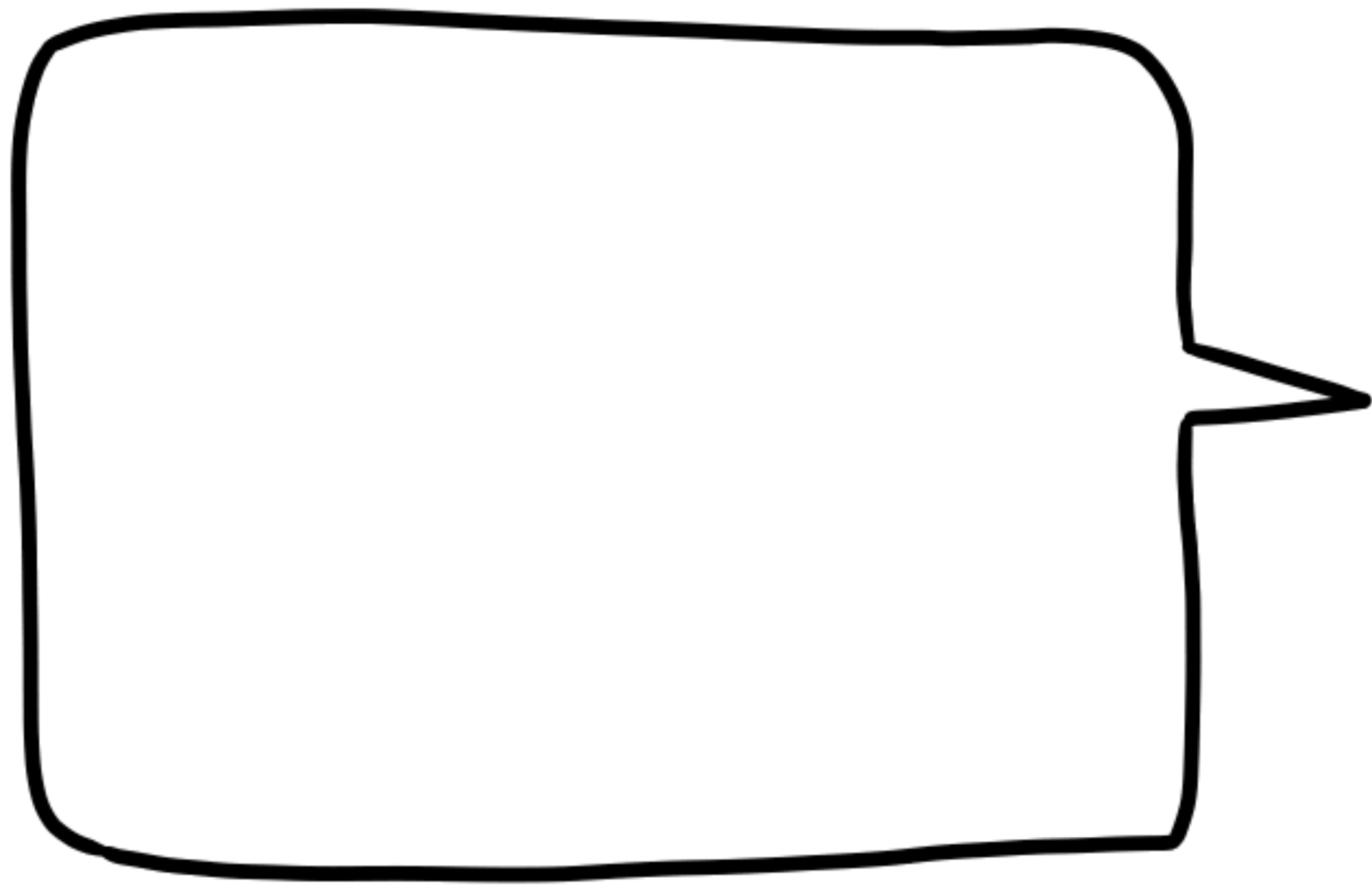


きんぴら大好き

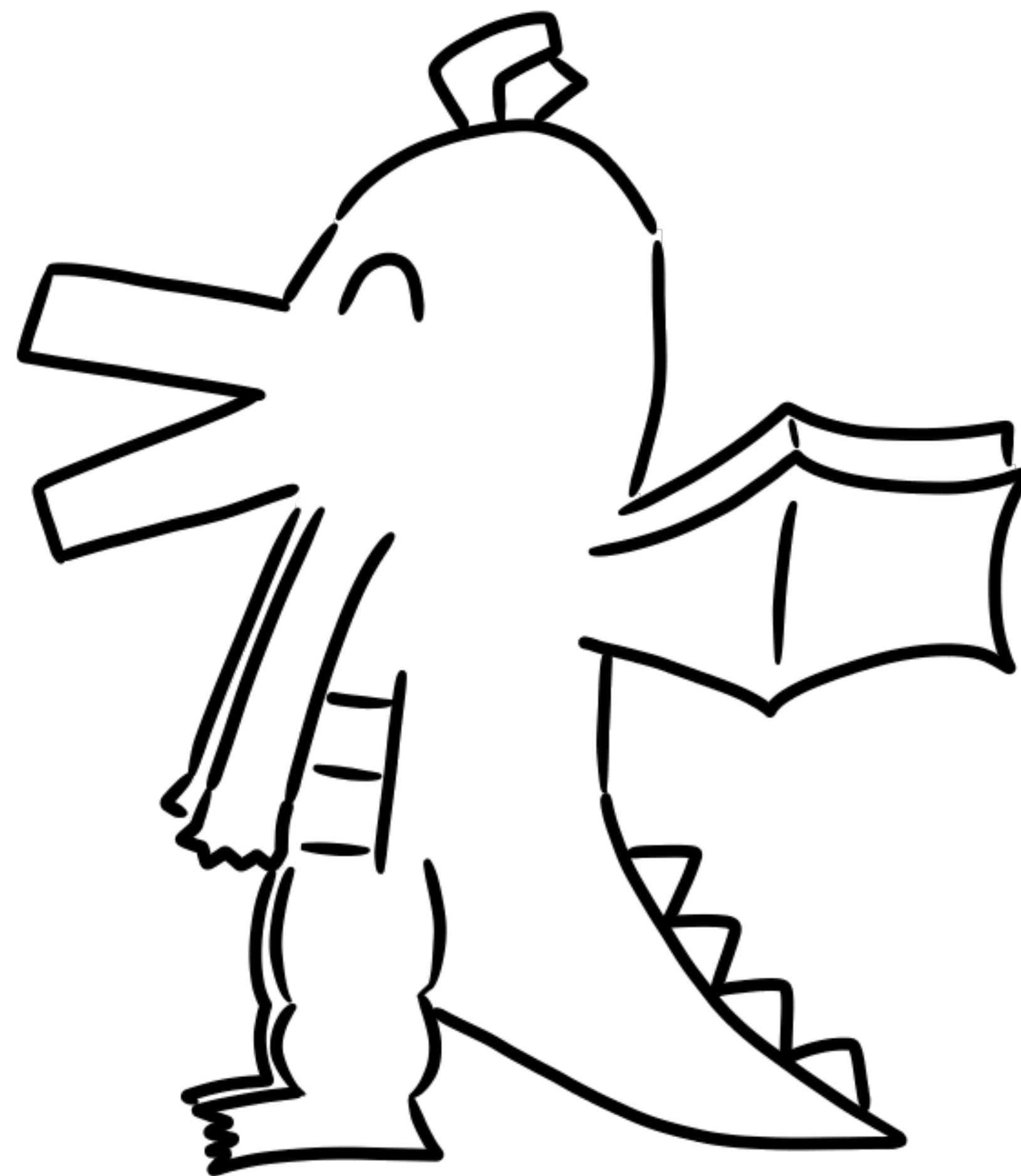
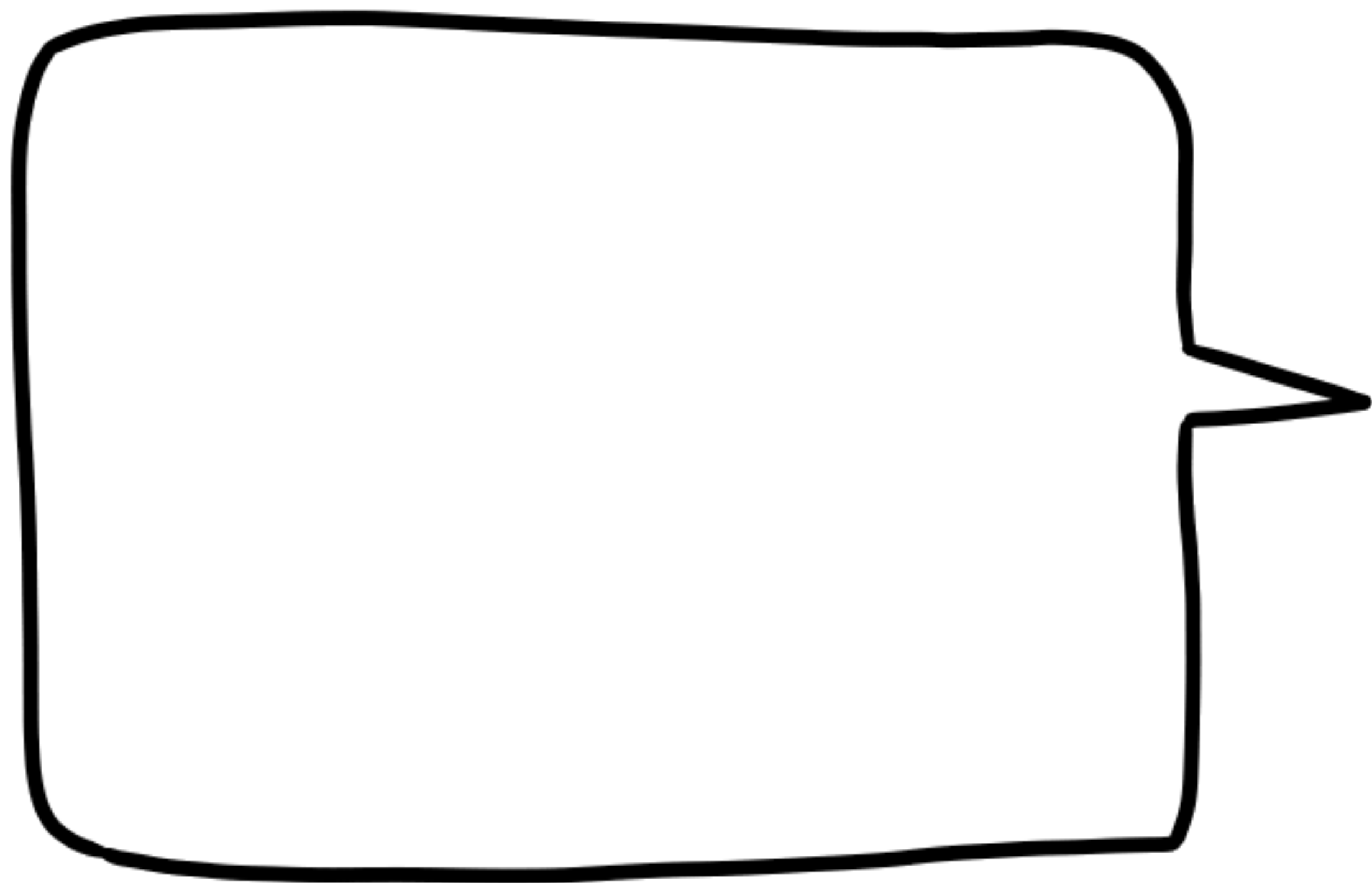




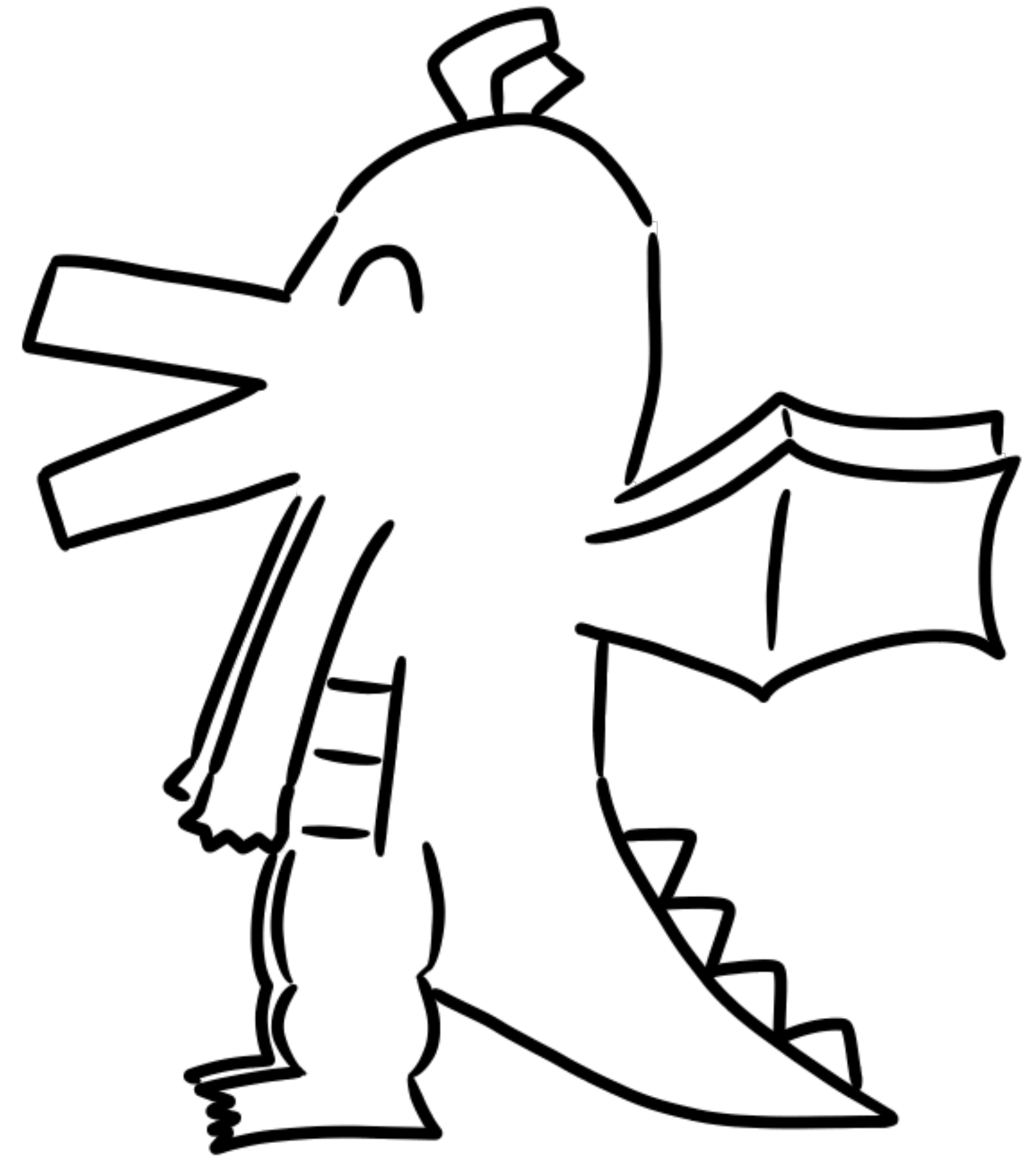
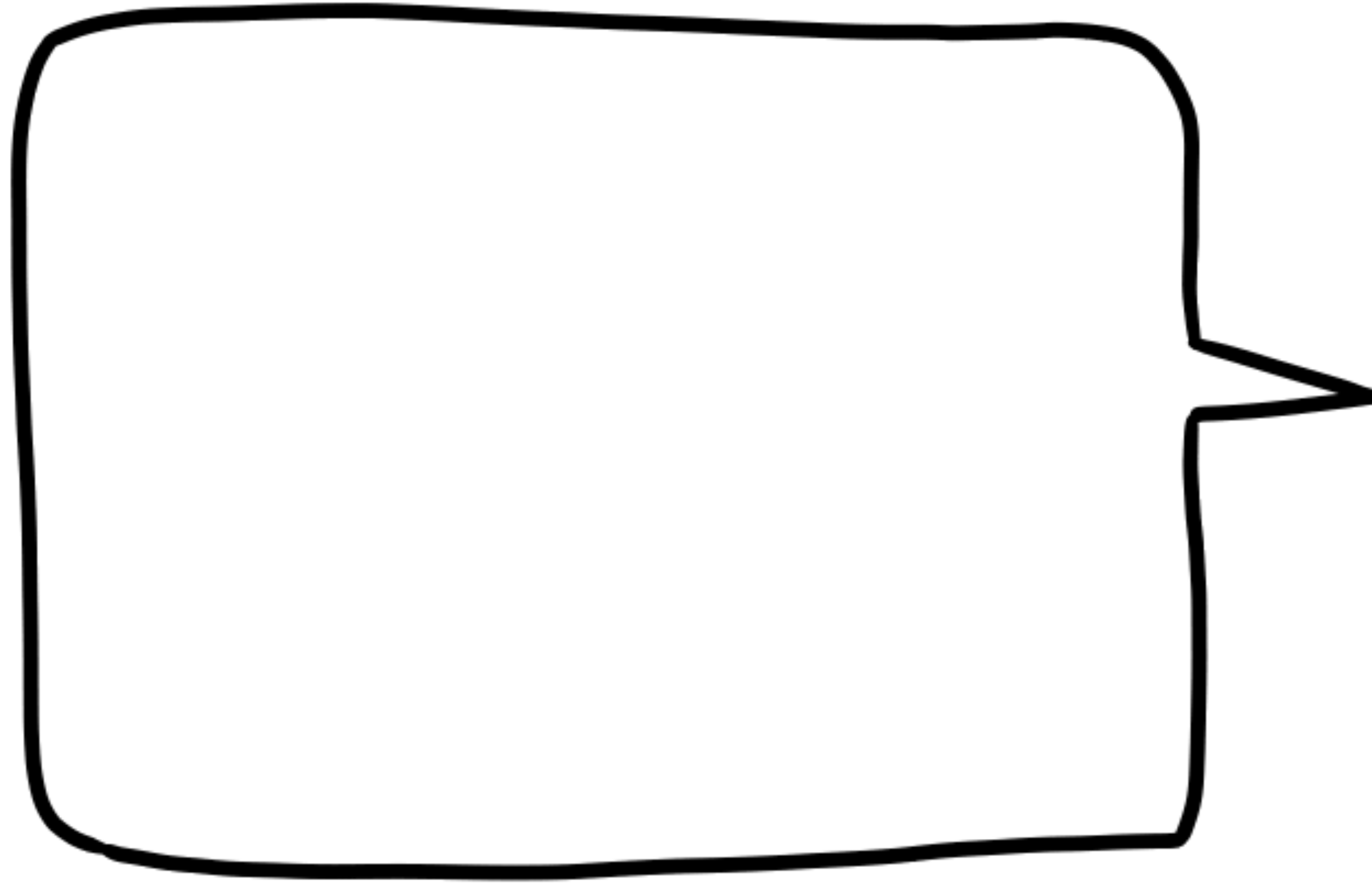
好きなJavaの仕様がまた出てきたその時は



発表したい



発表したい



オリジナル：好きな惣菜発表ドラゴン / 重音テト  
[https://www.youtube.com/watch?v=OnCFEo\\_pXaY](https://www.youtube.com/watch?v=OnCFEo_pXaY)  
ンバヂ <https://x.com/nbaji9>